

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
 Data File : VD066181.D
 Acq On : 11 Aug 2020 12:28
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Quant Time: Aug 11 15:14:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	321233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	472379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	442094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	147573	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	7.91	113	152989	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.34	98	570379	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.63	95	200309	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	55515	19.615	ug/l	96
3) Chloromethane	2.20	50	44479	20.203	ug/l	96
4) Vinyl Chloride	2.34	62	39763	20.401	ug/l	95
5) Bromomethane	2.75	94	26702	20.649	ug/l	94
6) Chloroethane	2.91	64	23497	19.639	ug/l	93
7) Trichlorofluoromethane	3.27	101	94433	18.584	ug/l	95
8) Diethyl Ether	3.70	74	27060	18.873	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	56653	18.786	ug/l	98
10) Methyl Iodide	4.29	142	54597	23.928	ug/l	97
11) Tert butyl alcohol	5.20	59	14857	37.071	ug/l	98
12) 1,1-Dichloroethene	4.06	96	53374	18.761	ug/l	90
13) Acrolein	3.91	56	18375	80.550	ug/l	98
14) Allyl chloride	4.70	41	81212	18.843	ug/l	99
15) Acrylonitrile	5.42	53	59460	98.412	ug/l	97
16) Acetone	4.15	43	52755	97.015	ug/l	96
17) Carbon Disulfide	4.40	76	165777	18.327	ug/l	100
18) Methyl Acetate	4.71	43	27380	19.823	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	119477	18.323	ug/l	97
20) Methylene Chloride	4.96	84	75074	21.369	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	61877	18.934	ug/l	91
22) Diisopropyl ether	6.36	45	172419	20.230	ug/l	98
23) Vinyl Acetate	6.30	43	480203	96.174	ug/l	96
24) 1,1-Dichloroethane	6.26	63	100420	19.039	ug/l	100
25) 2-Butanone	7.21	43	75634	94.566	ug/l	95
26) 2,2-Dichloropropane	7.20	77	92561	19.580	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	65816	19.200	ug/l	97
28) Bromochloromethane	7.54	49	42900	23.157	ug/l	94
29) Tetrahydrofuran	7.56	42	47241	95.335	ug/l	98
30) Chloroform	7.70	83	107504	19.411	ug/l	99
31) Cyclohexane	7.98	56	93421	18.607	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	99872	19.232	ug/l	100
36) 1,1-Dichloropropene	8.11	75	82864	18.668	ug/l	99
37) Ethyl Acetate	7.29	43	32870	18.689	ug/l	97
38) Carbon Tetrachloride	8.08	117	90918	18.367	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
 Data File : VD066181.D
 Acq On : 11 Aug 2020 12:28
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Quant Time: Aug 11 15:14:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98845	18.421	ug/l	96
40) Benzene	8.34	78	235880	19.155	ug/l	96
41) Methacrylonitrile	7.51	41	17589	17.009	ug/l	95
42) 1,2-Dichloroethane	8.42	62	69375	19.178	ug/l	98
43) Isopropyl Acetate	8.44	43	64087	18.494	ug/l	98
44) Trichloroethene	9.11	130	67846	18.284	ug/l	99
45) 1,2-Dichloropropane	9.38	63	57933	19.236	ug/l	97
46) Dibromomethane	9.47	93	31124	18.762	ug/l	99
47) Bromodichloromethane	9.66	83	80742	18.416	ug/l #	93
48) Methyl methacrylate	9.45	41	34589	19.548	ug/l	98
49) 1,4-Dioxane	9.46	88	7855	368.559	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	168638	94.742	ug/l	99
52) Toluene	10.40	92	154816	19.106	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	78697	18.914	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	92433	18.961	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	46250	19.362	ug/l	94
56) Ethyl methacrylate	10.66	69	53613	18.683	ug/l	98
57) 1,3-Dichloropropane	10.94	76	75244	18.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	141754	109.821	ug/l	99
59) 2-Hexanone	10.98	43	118788	95.090	ug/l	95
60) Dibromochloromethane	11.14	129	60833	18.446	ug/l	97
61) 1,2-Dibromoethane	11.24	107	44295	19.282	ug/l	98
64) Tetrachloroethene	10.87	164	60275	17.755	ug/l	97
65) Chlorobenzene	11.67	112	170269	18.972	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	64624	18.403	ug/l	98
67) Ethyl Benzene	11.74	91	291259	18.728	ug/l	99
68) m/p-Xylenes	11.85	106	230077	38.183	ug/l	99
69) o-Xylene	12.18	106	102392	18.680	ug/l	99
70) Styrene	12.19	104	184242	19.180	ug/l	100
71) Bromoform	12.36	173	37866	18.200	ug/l #	99
73) Isopropylbenzene	12.48	105	283083	18.605	ug/l	99
74) N-amyl acetate	12.28	43	62613	18.688	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	47057	18.138	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	62068	32.653	ug/l #	100
77) Bromobenzene	12.76	156	73141	18.674	ug/l	96
78) n-propylbenzene	12.82	91	338038	19.113	ug/l	99
79) 2-Chlorotoluene	12.91	91	193496	19.129	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	241993	19.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	16101	18.725	ug/l	100
82) 4-Chlorotoluene	13.01	91	206024	19.294	ug/l	100
83) tert-Butylbenzene	13.23	119	206667	18.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	241400	18.957	ug/l	100
85) sec-Butylbenzene	13.40	105	287462	19.026	ug/l	100
86) p-Isopropyltoluene	13.52	119	264285	18.650	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	139894	19.004	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	141830	19.320	ug/l	98
89) n-Butylbenzene	13.85	91	237577	18.713	ug/l	99
90) Hexachloroethane	14.11	117	52771	18.672	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	125742	19.315	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8269	18.544	ug/l	99

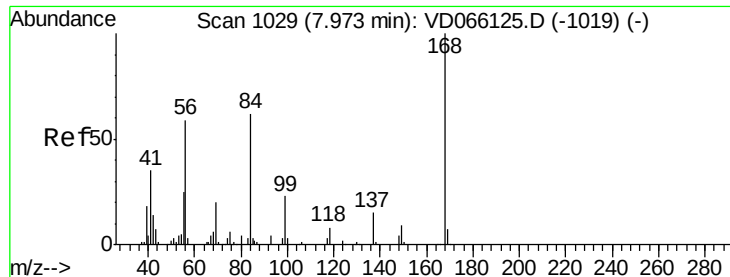
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066181.D
Acq On : 11 Aug 2020 12:28
Operator : VA/SY
Sample : VD0811SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

Quant Time: Aug 11 15:14:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	88746	18.498	ug/l	98
94) Hexachlorobutadiene	15.27	225	51375	18.185	ug/l	98
95) Naphthalene	15.41	128	140439	17.965	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	74492	17.589	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

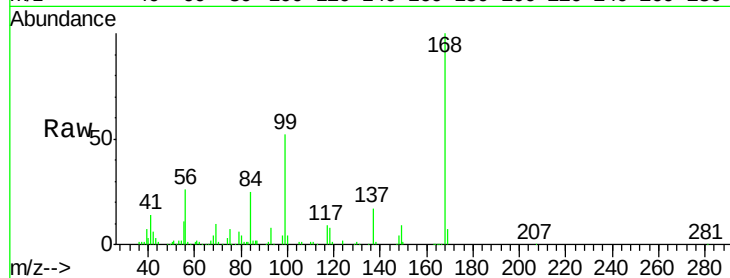
VD0811SBS01

Tgt Ion:168 Resp: 321233

Ion Ratio Lower Upper

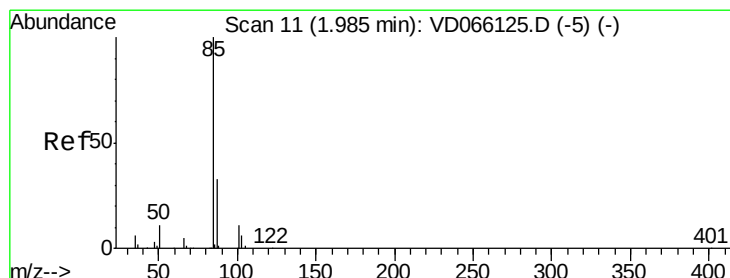
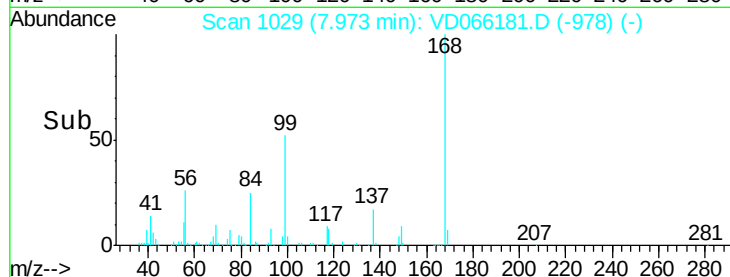
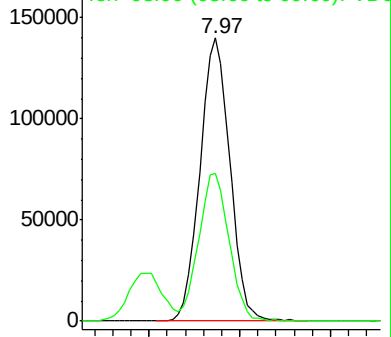
168 100

99 52.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.615 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066181.D

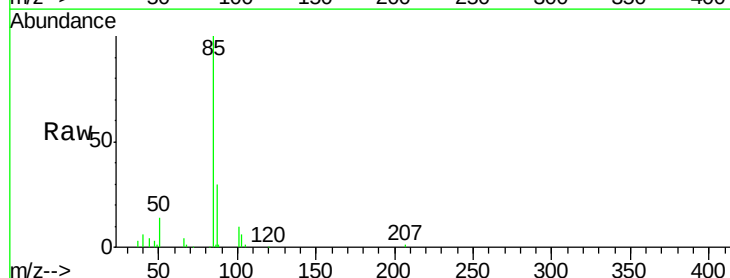
Acq: 11 Aug 2020 12:28

Tgt Ion: 85 Resp: 55515

Ion Ratio Lower Upper

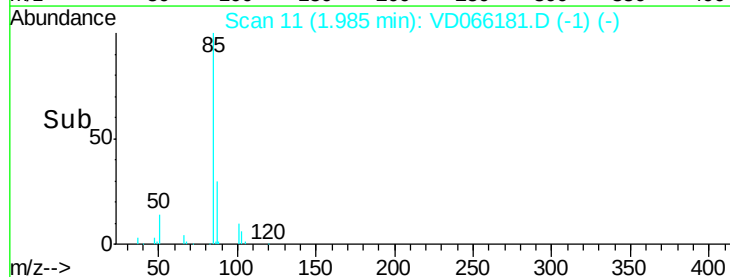
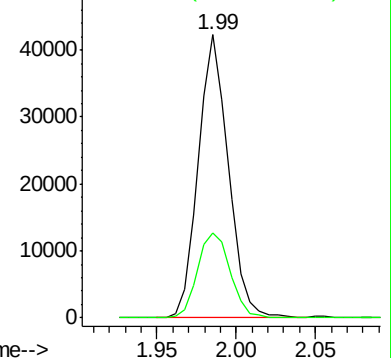
85 100

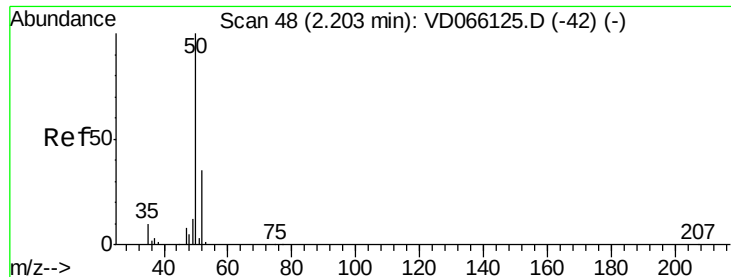
87 30.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.203 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

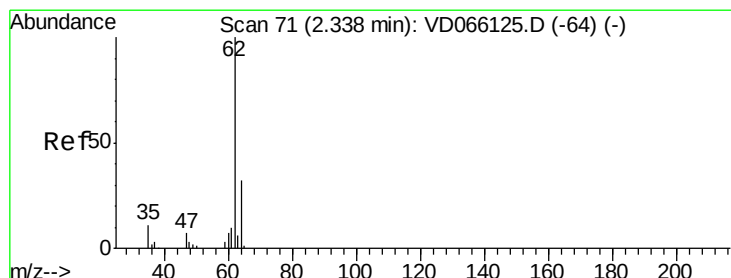
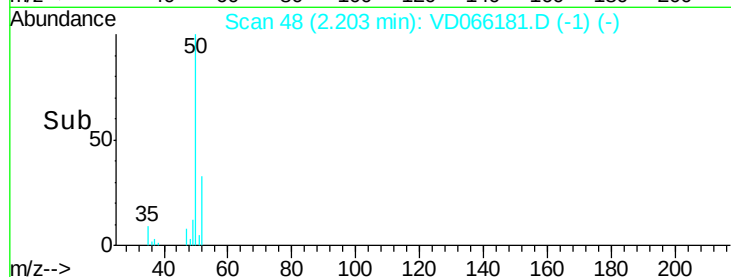
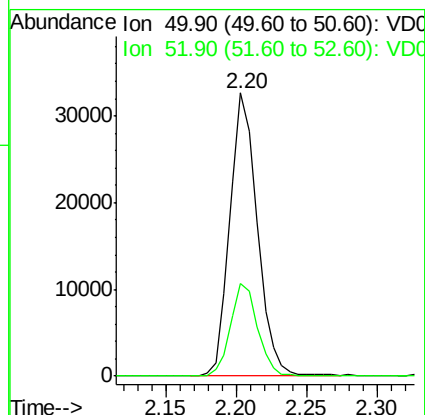
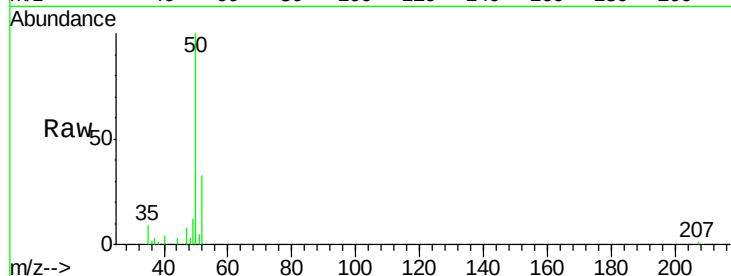
VD0811SBS01

Tgt Ion: 50 Resp: 44479

Ion Ratio Lower Upper

50 100

52 32.6 27.9 41.9



#4

Vinyl Chloride

Concen: 20.401 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066181.D

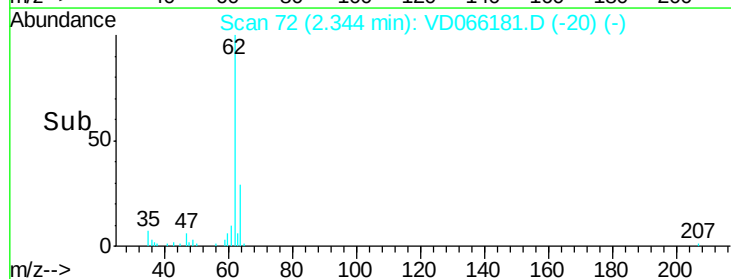
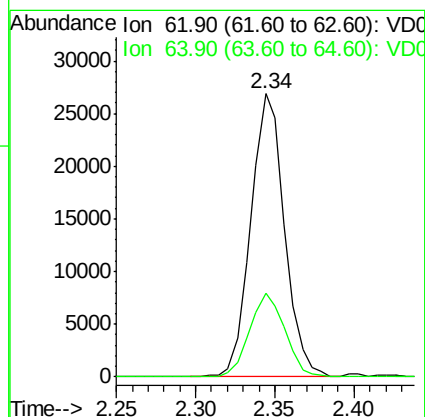
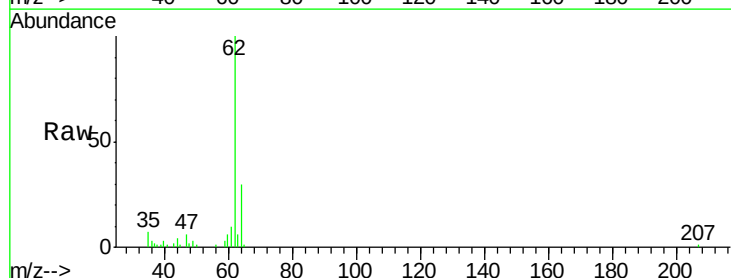
Acq: 11 Aug 2020 12:28

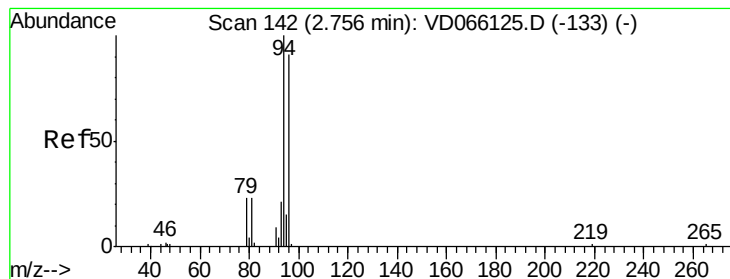
Tgt Ion: 62 Resp: 39763

Ion Ratio Lower Upper

62 100

64 29.7 25.8 38.8





#5

Bromomethane

Concen: 20.649 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

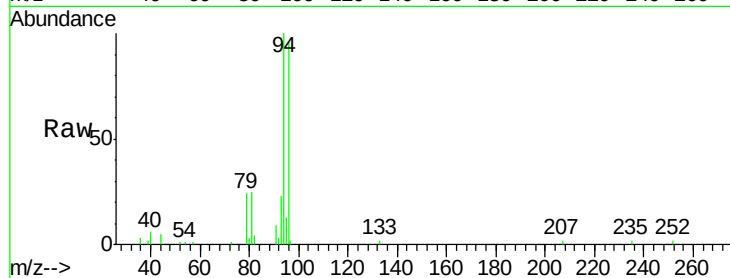
VD0811SBS01

Tgt Ion: 94 Resp: 26702

Ion Ratio Lower Upper

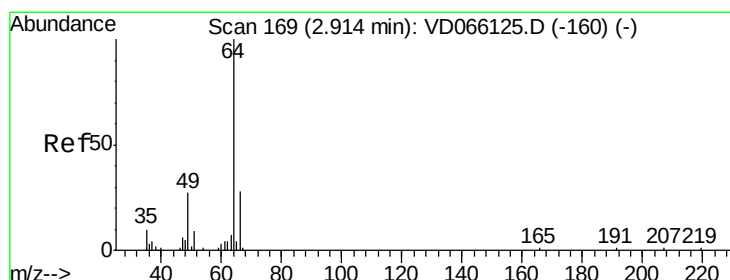
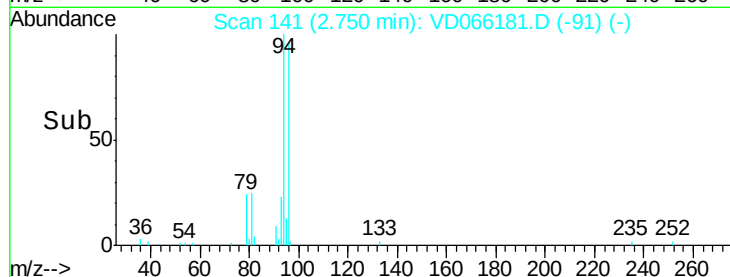
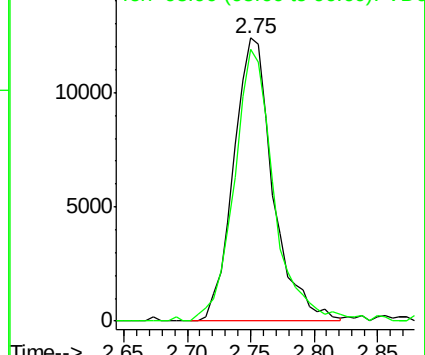
94 100

96 96.2 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.639 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066181.D

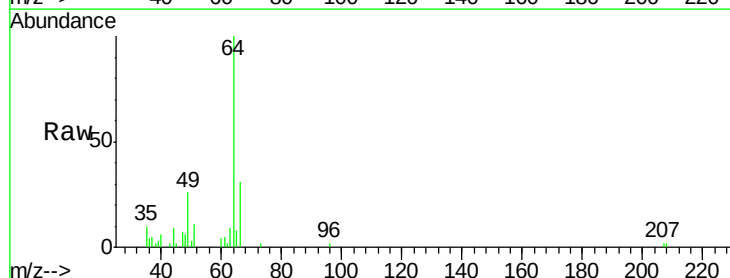
Acq: 11 Aug 2020 12:28

Tgt Ion: 64 Resp: 23497

Ion Ratio Lower Upper

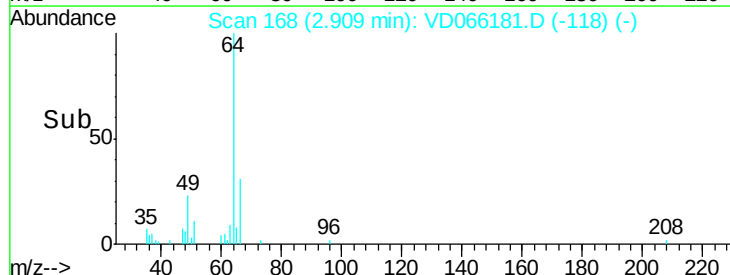
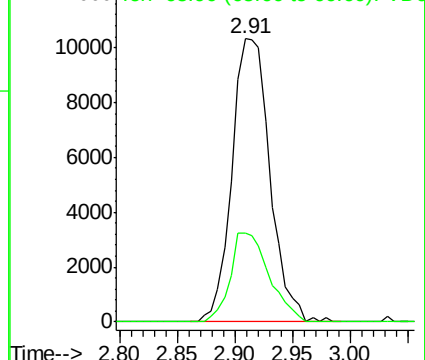
64 100

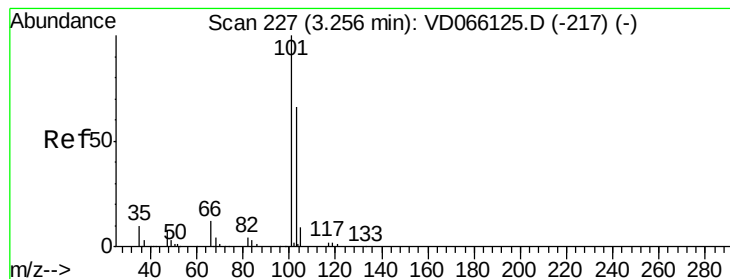
66 31.3 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 18.584 ug/l

RT: 3.27 min Scan# 229

Delta R.T. 0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

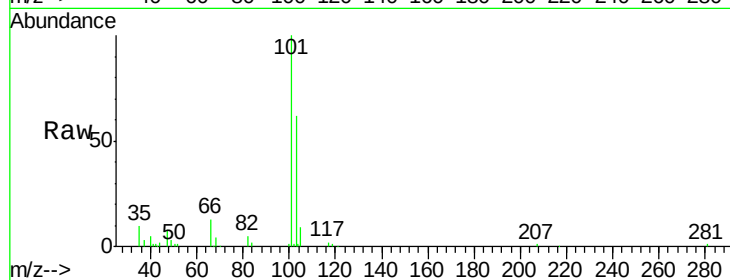
VD0811SBS01

Tgt Ion:101 Resp: 94433

Ion Ratio Lower Upper

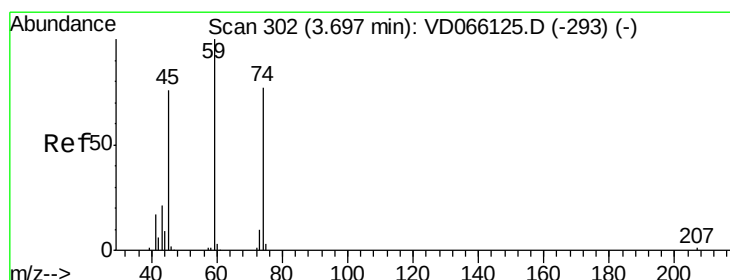
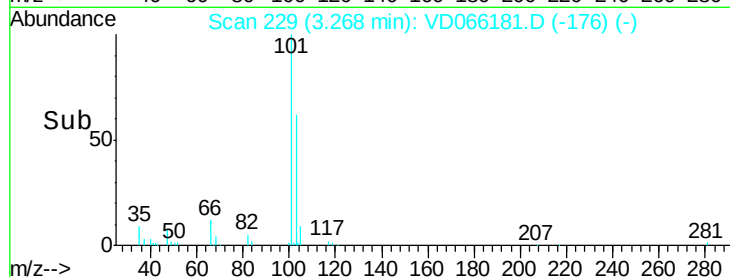
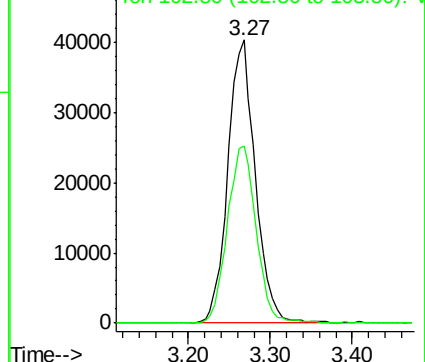
101 100

103 62.4 53.0 79.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.873 ug/l

RT: 3.70 min Scan# 303

Delta R.T. 0.01 min

Lab File: VD066181.D

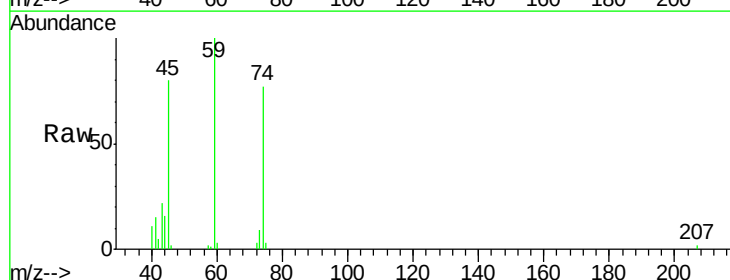
Acq: 11 Aug 2020 12:28

Tgt Ion: 74 Resp: 27060

Ion Ratio Lower Upper

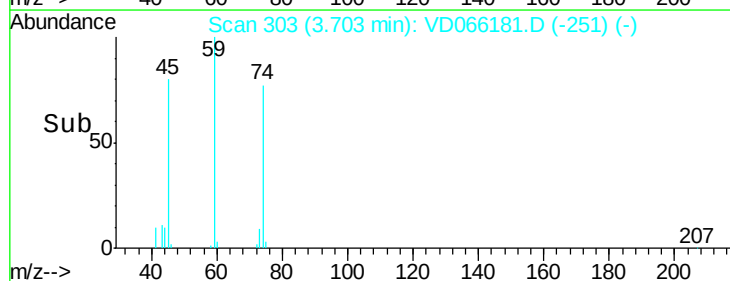
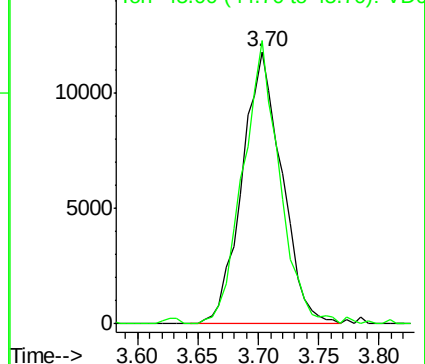
74 100

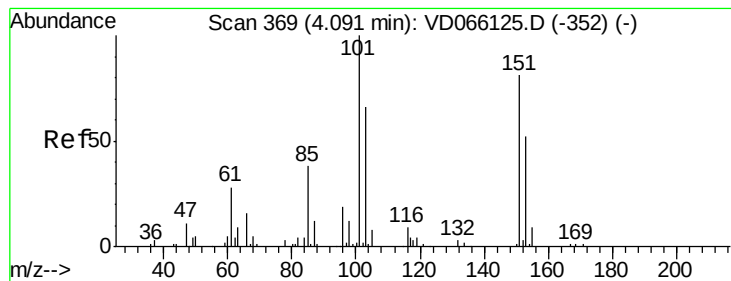
45 95.9 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.786 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

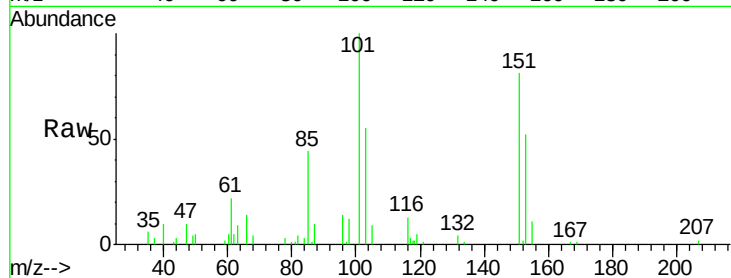
Tgt Ion:101 Resp: 56653

Ion Ratio Lower Upper

101 100

85 44.6 33.5 50.3

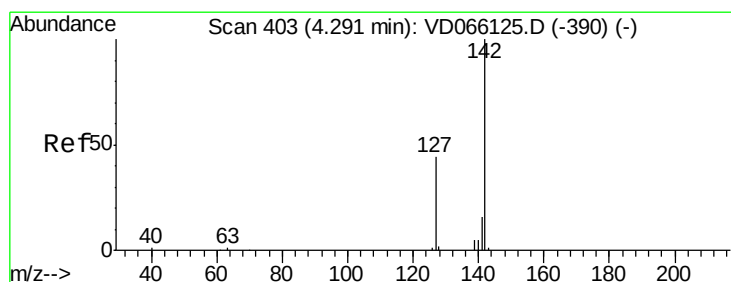
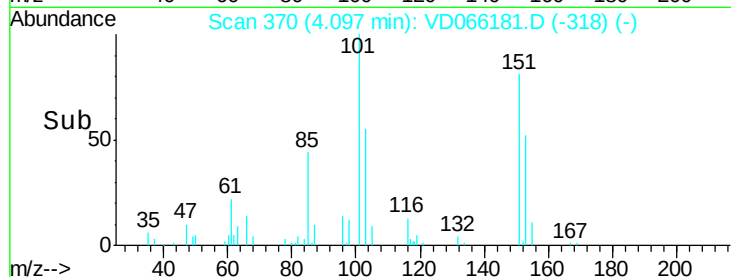
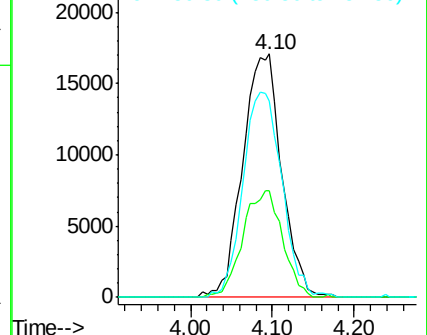
151 84.6 67.8 101.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.928 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

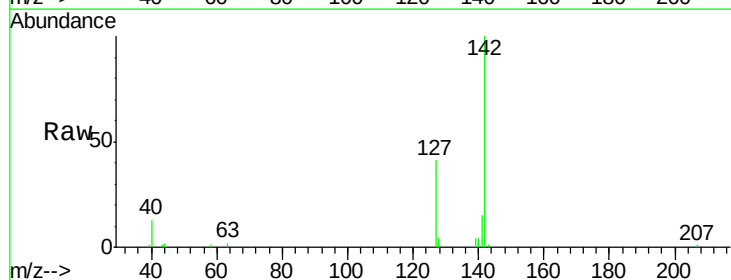
Tgt Ion:142 Resp: 54597

Ion Ratio Lower Upper

142 100

127 43.1 36.2 54.4

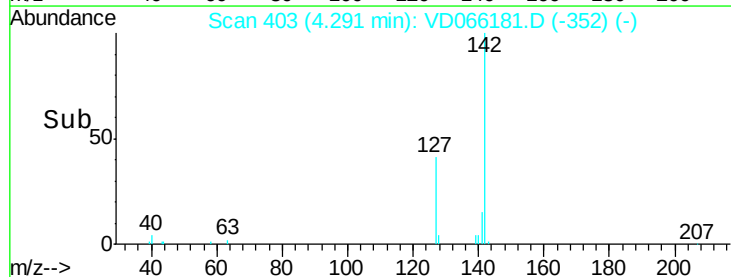
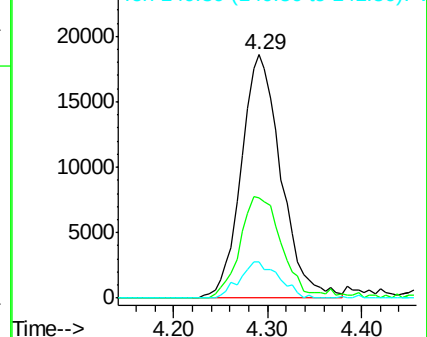
141 14.6 12.6 18.8

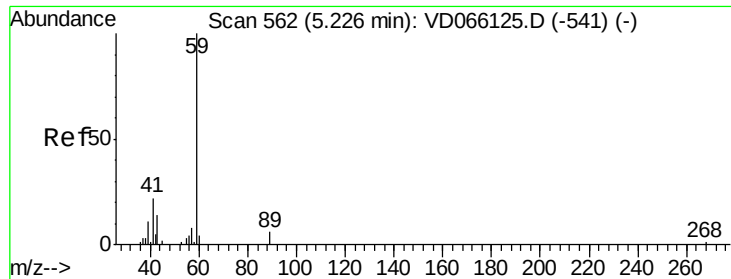


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

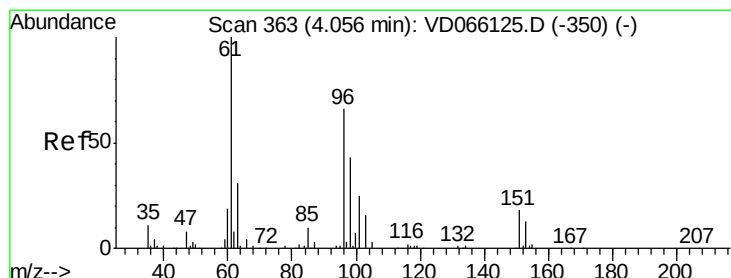
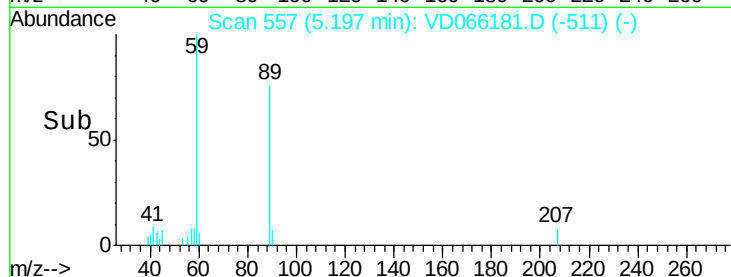
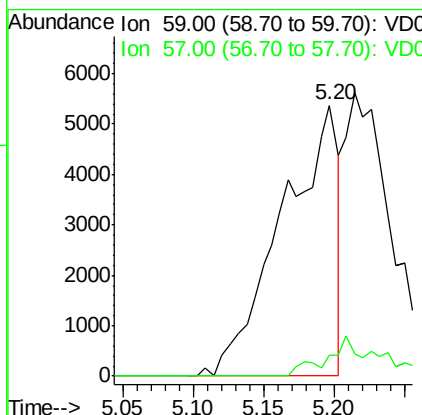
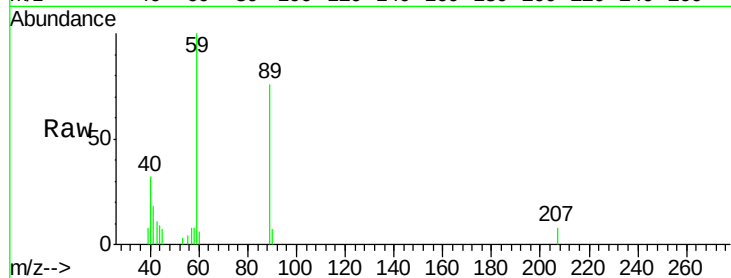




#11
Tert butyl alcohol
Concen: 37.071 ug/l
RT: 5.20 min Scan# 557
Delta R.T. -0.03 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

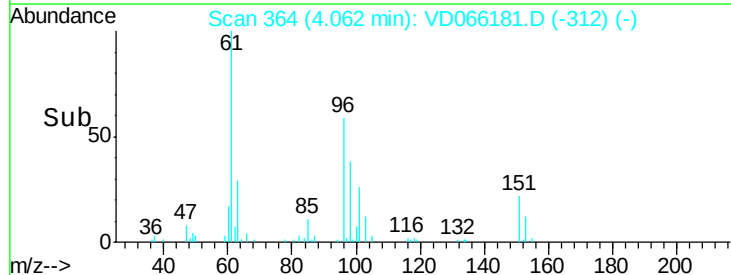
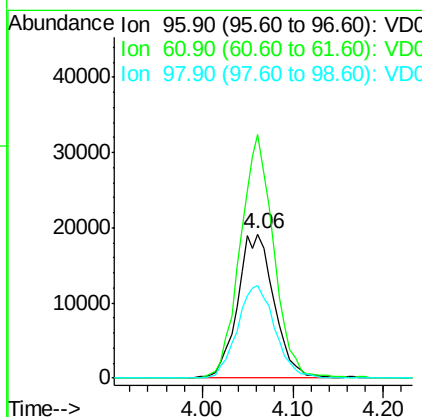
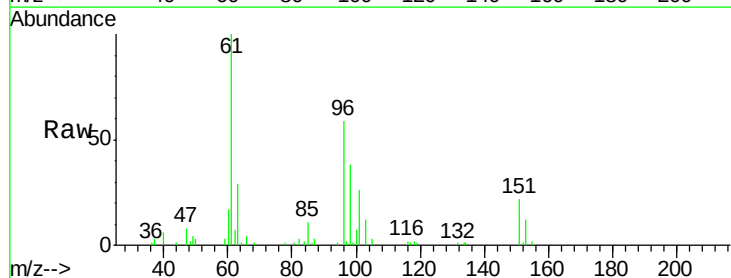
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

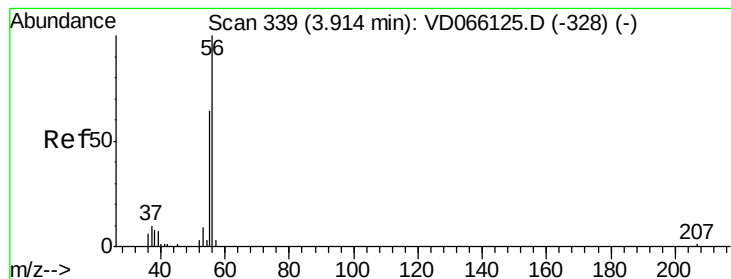
Tgt Ion: 59 Resp: 14857
Ion Ratio Lower Upper
59 100
57 8.0 7.0 10.4



#12
1,1-Dichloroethene
Concen: 18.761 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 96 Resp: 53374
Ion Ratio Lower Upper
96 100
61 169.2 121.6 182.4
98 64.5 52.0 78.0





#13

Acrolein

Concen: 80.550 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

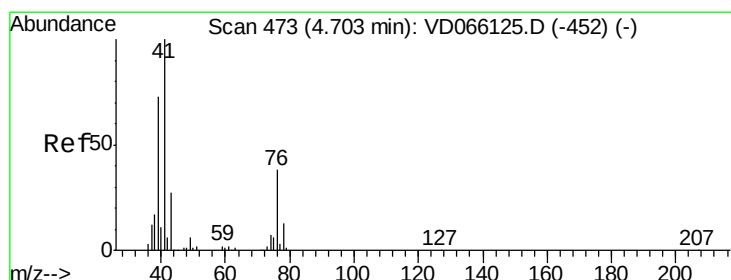
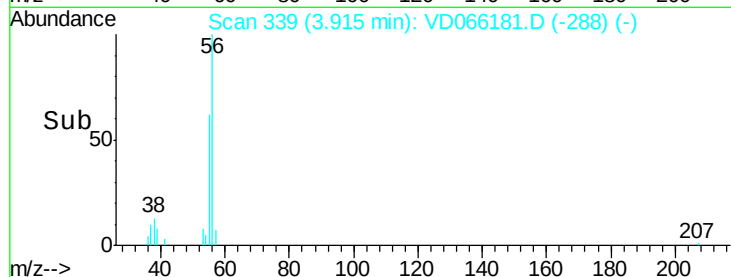
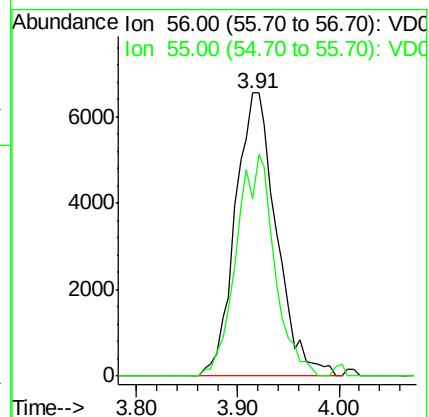
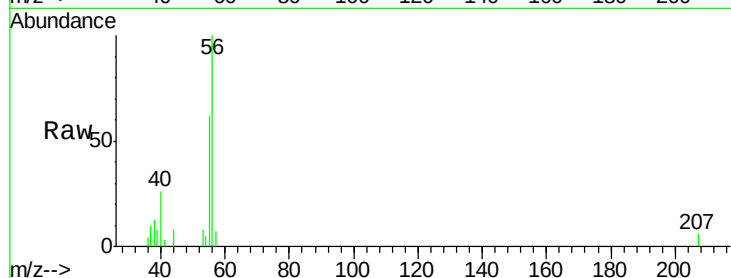
VD0811SBS01

Tgt Ion: 56 Resp: 18375

Ion Ratio Lower Upper

56 100

55 72.7 56.7 85.1



#14

Allyl chloride

Concen: 18.843 ug/l

RT: 4.70 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

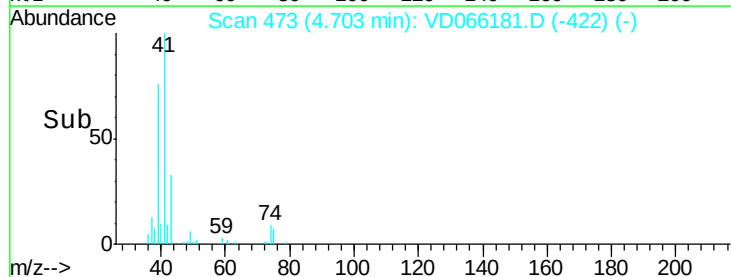
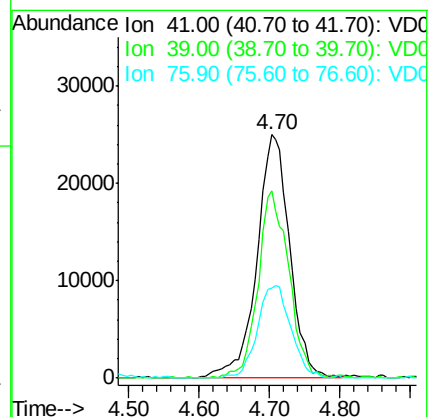
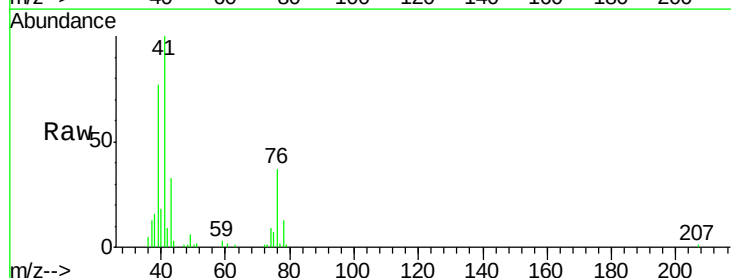
Tgt Ion: 41 Resp: 81212

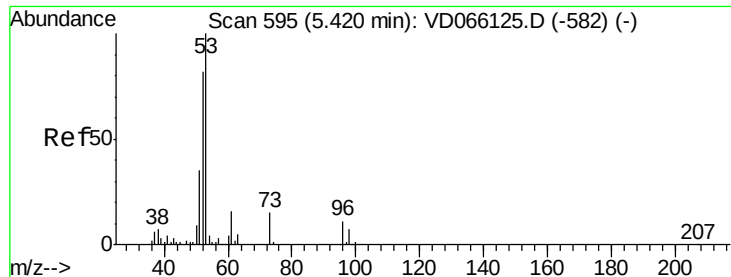
Ion Ratio Lower Upper

41 100

39 71.8 57.4 86.0

76 38.7 30.1 45.1





#15

Acrylonitrile

Concen: 98.412 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

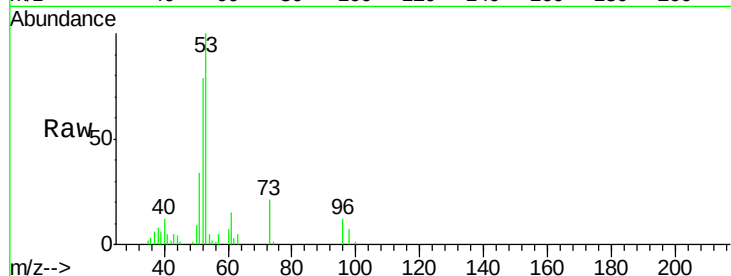
Tgt Ion: 53 Resp: 59460

Ion Ratio Lower Upper

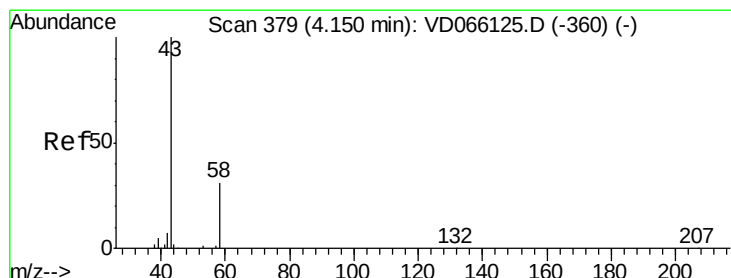
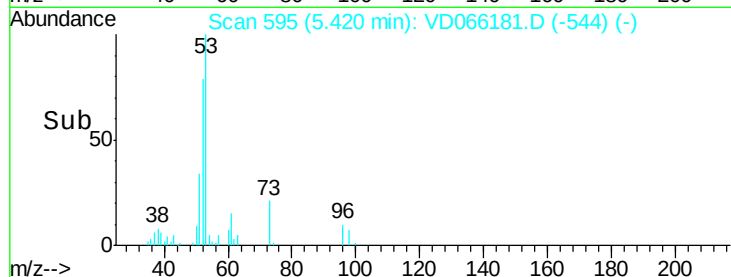
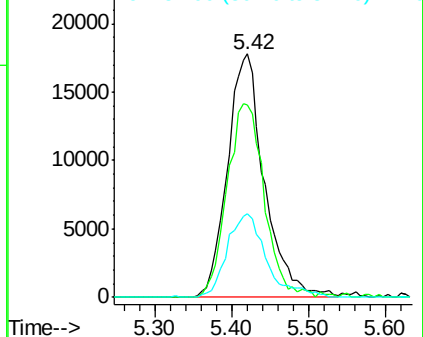
53 100

52 80.0 66.1 99.1

51 36.5 30.8 46.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 97.015 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066181.D

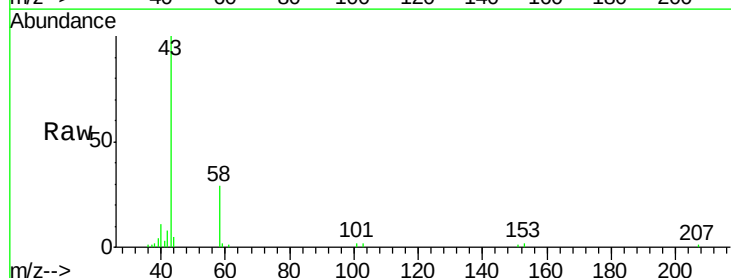
Acq: 11 Aug 2020 12:28

Tgt Ion: 43 Resp: 52755

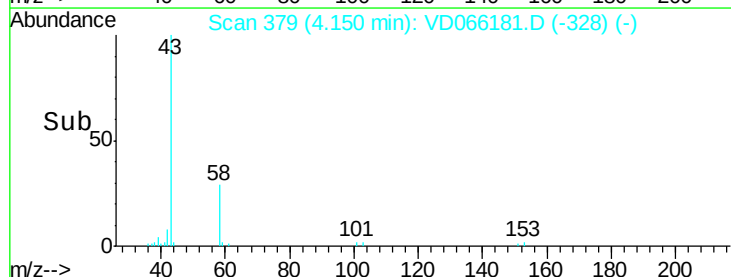
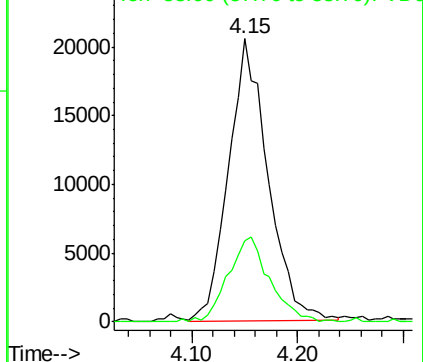
Ion Ratio Lower Upper

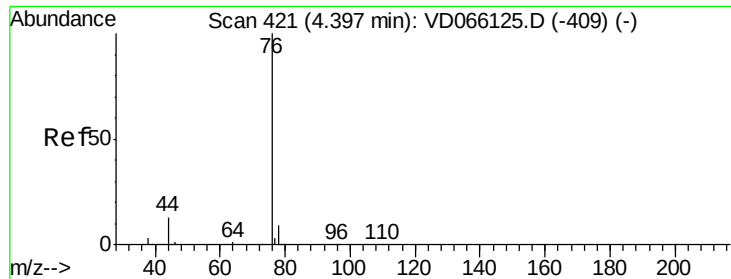
43 100

58 28.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

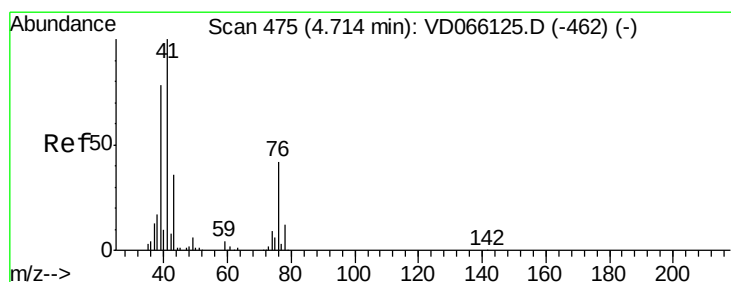
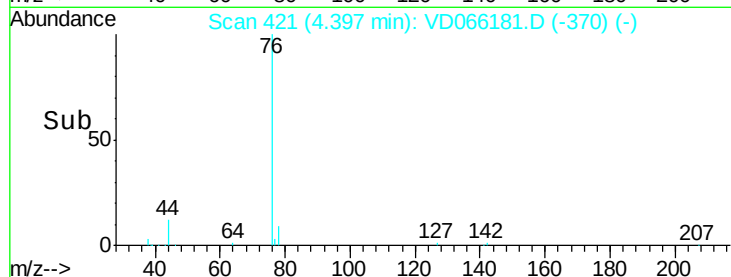
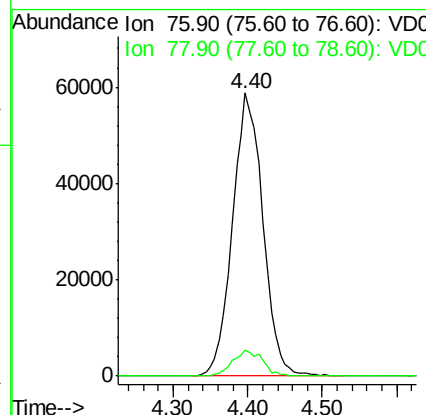
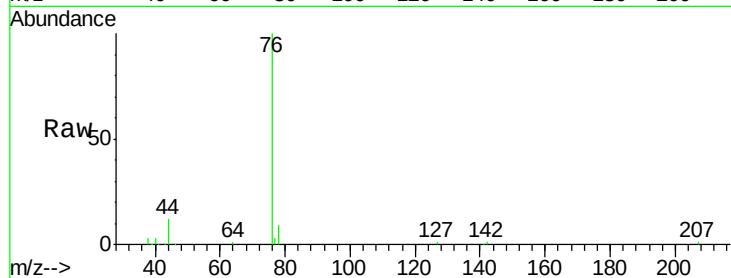




#17
Carbon Disulfide
Concen: 18.327 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

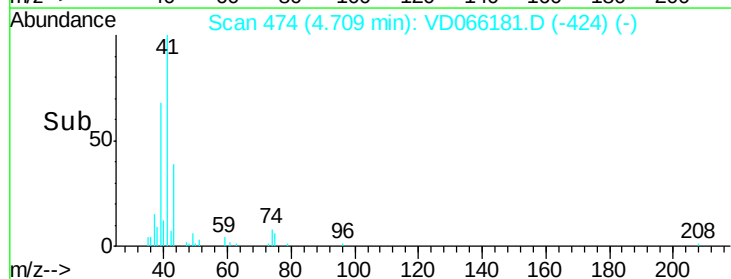
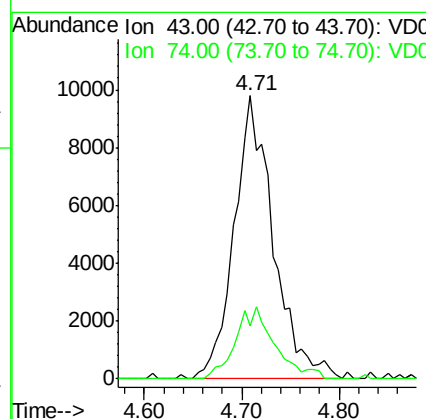
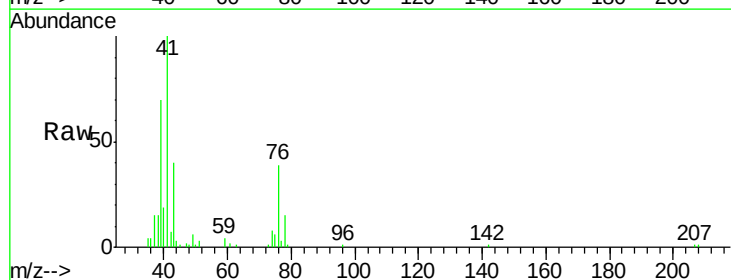
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

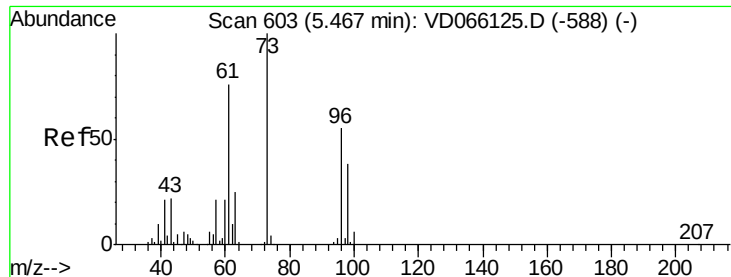
Tgt Ion: 76 Resp: 165777
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 19.823 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 43 Resp: 27380
Ion Ratio Lower Upper
43 100
74 25.5 21.2 31.8

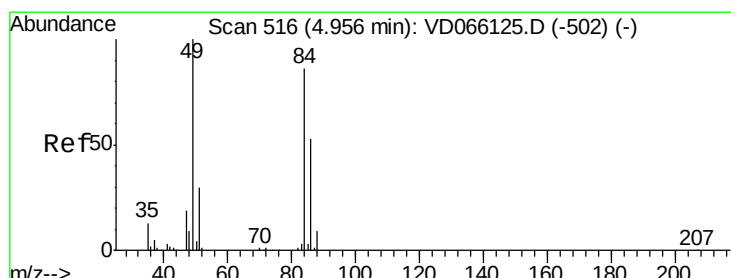
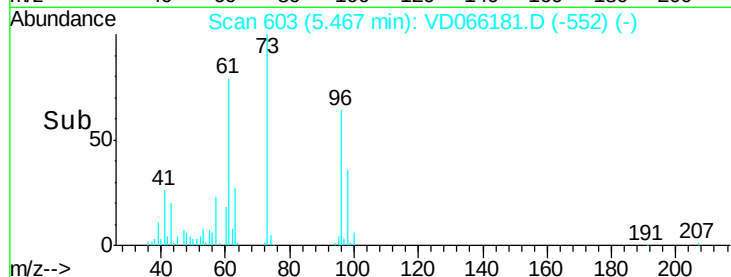
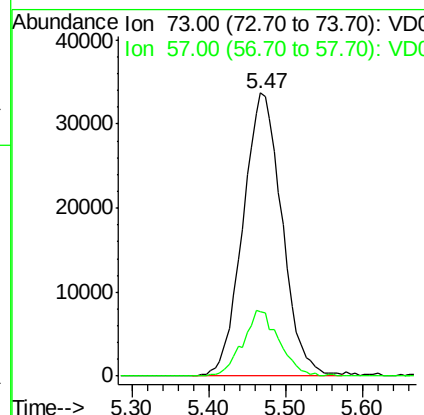
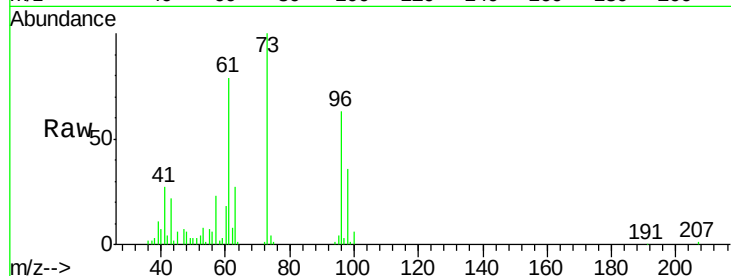




#19
Methyl tert-butyl Ether
Concen: 18.323 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

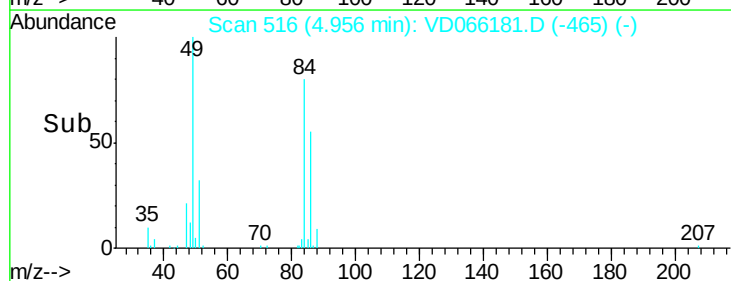
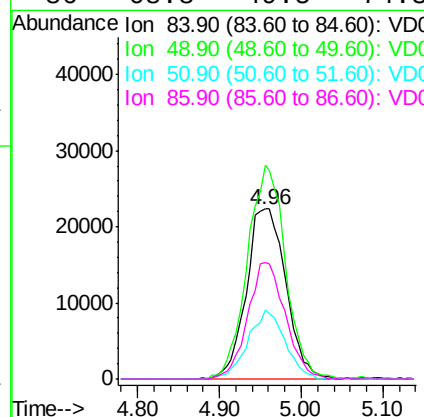
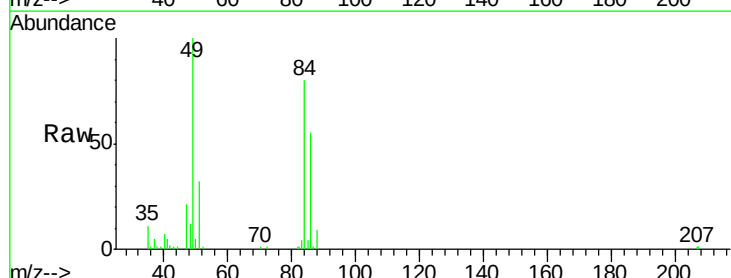
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

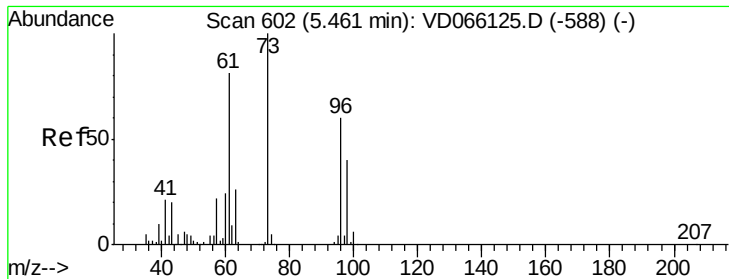
Tgt Ion: 73 Resp: 119477
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7



#20
Methylene Chloride
Concen: 21.369 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 84 Resp: 75074
Ion Ratio Lower Upper
84 100
49 125.8 93.5 140.3
51 40.5 28.2 42.4
86 68.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.934 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

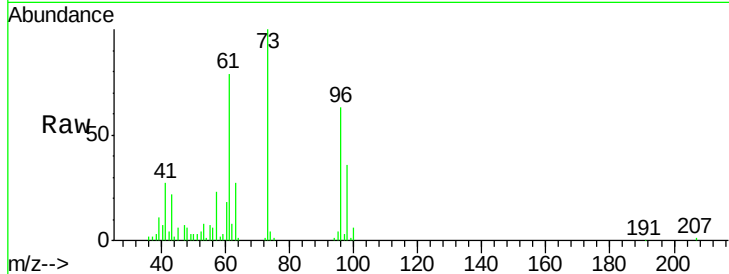
Tgt Ion: 96 Resp: 61877

Ion Ratio Lower Upper

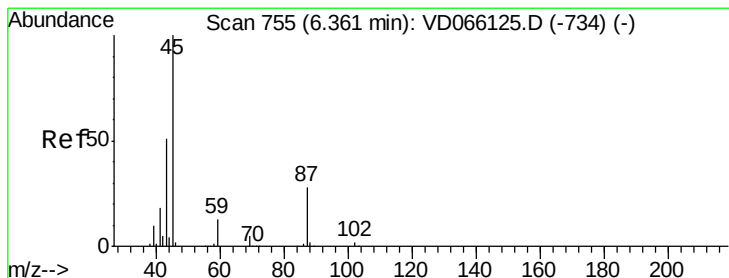
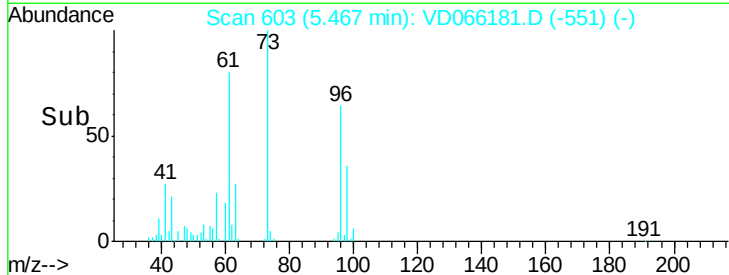
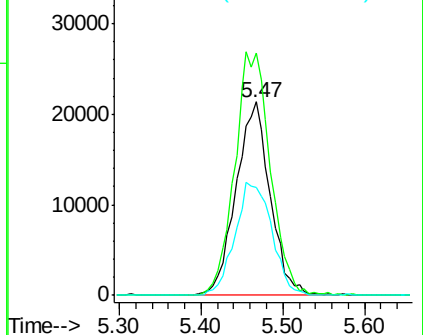
96 100

61 125.2 106.9 160.3

98 55.9 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.230 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Tgt Ion: 45 Resp: 172419

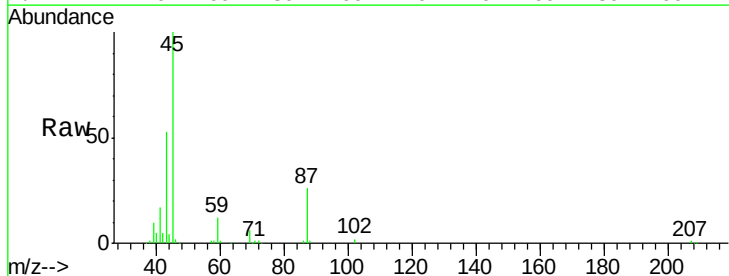
Ion Ratio Lower Upper

45 100

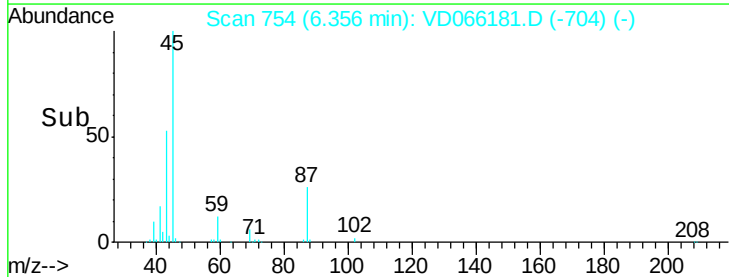
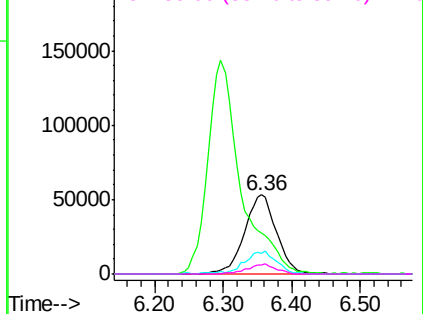
43 52.0 41.2 61.8

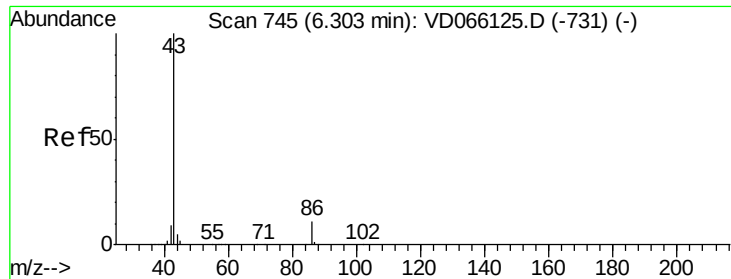
87 26.1 22.8 34.2

59 11.9 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

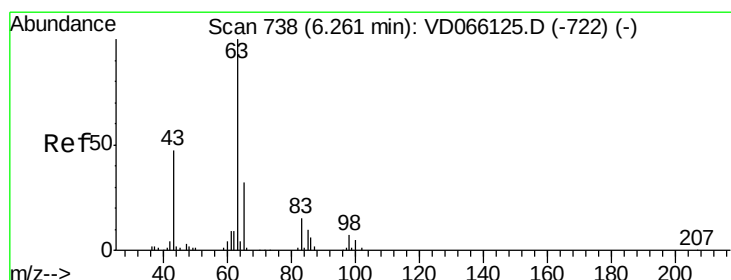
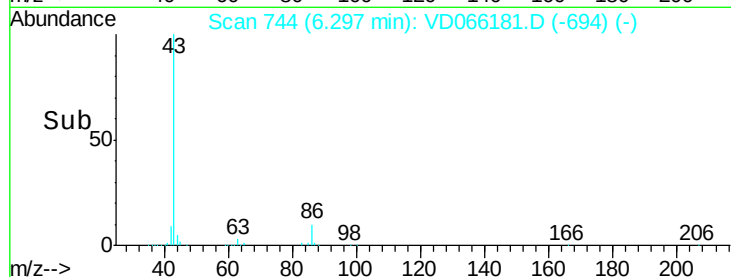
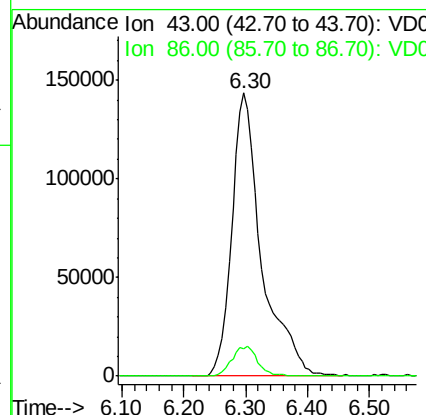
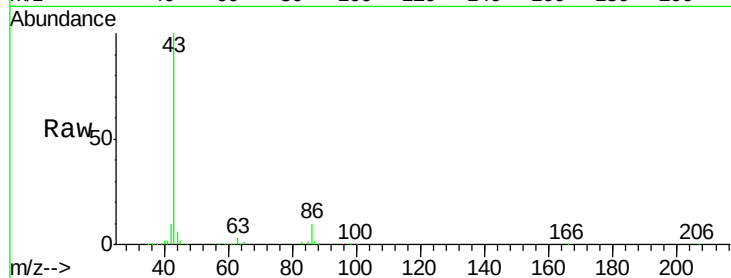




#23
 Vinyl Acetate
 Concen: 96.174 ug/l
 RT: 6.30 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

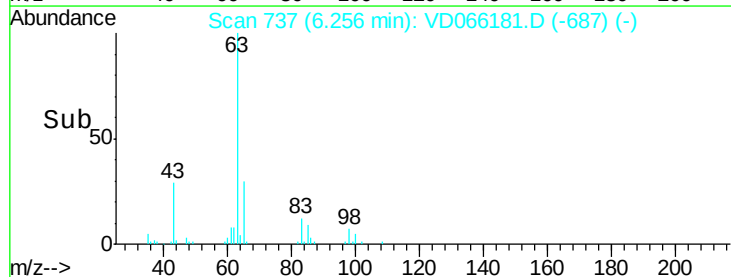
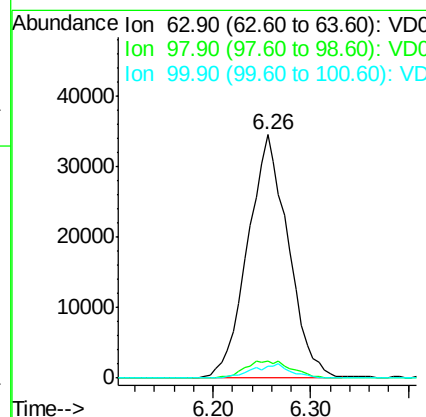
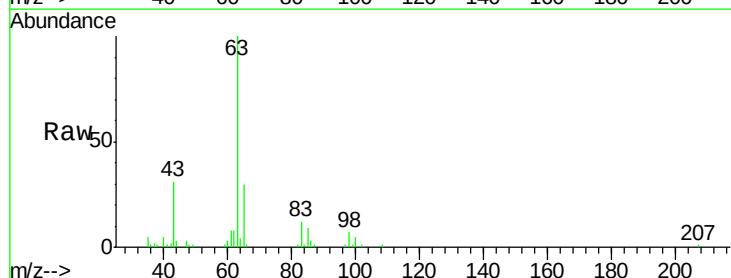
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

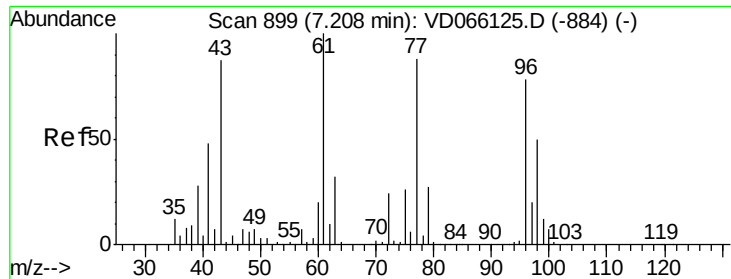
Tgt Ion: 43 Resp: 480203
 Ion Ratio Lower Upper
 43 100
 86 9.8 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 19.039 ug/l
 RT: 6.26 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion: 63 Resp: 100420
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 94.566 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

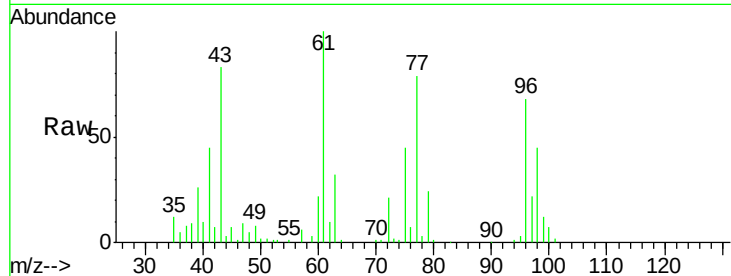
VD0811SBS01

Tgt Ion: 43 Resp: 75634

Ion Ratio Lower Upper

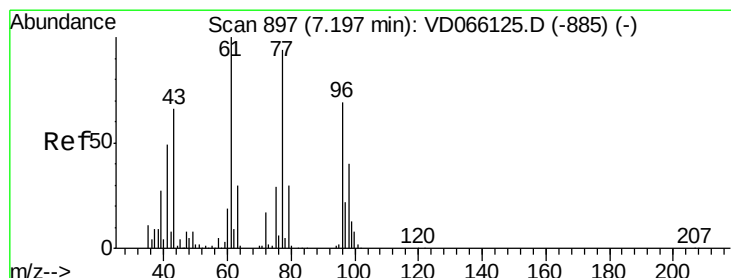
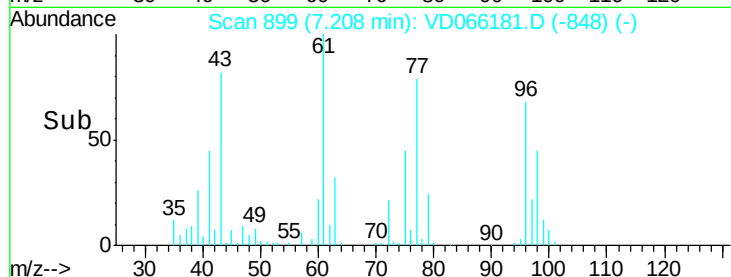
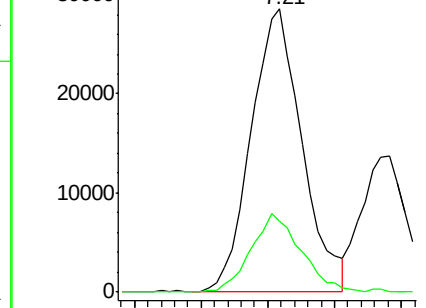
43 100

72 25.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.580 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066181.D

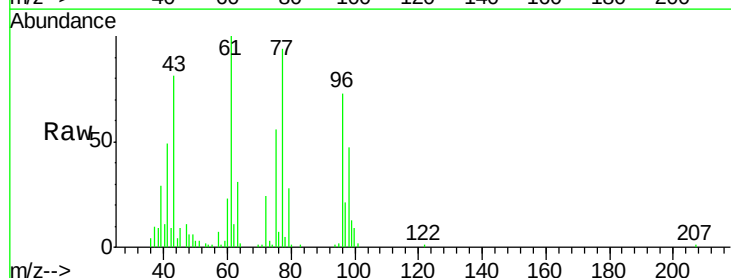
Acq: 11 Aug 2020 12:28

Tgt Ion: 77 Resp: 92561

Ion Ratio Lower Upper

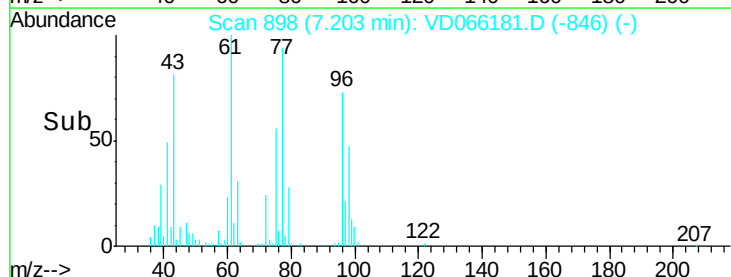
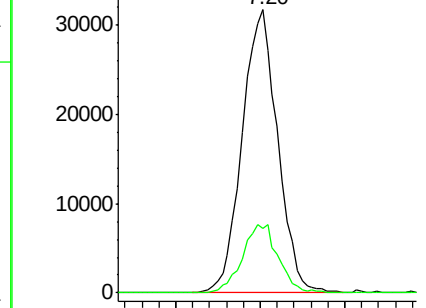
77 100

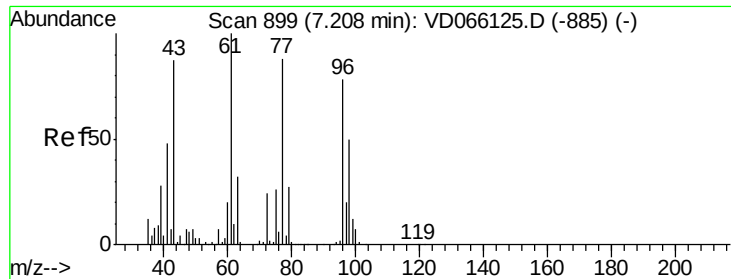
97 24.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



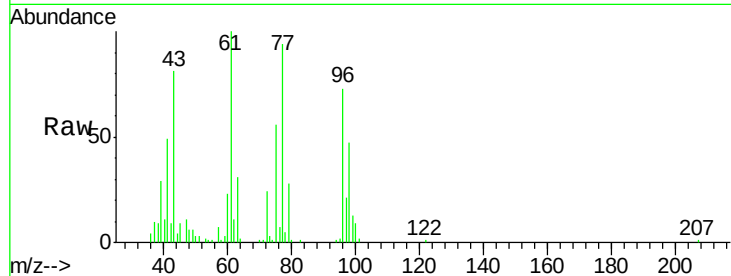


#27

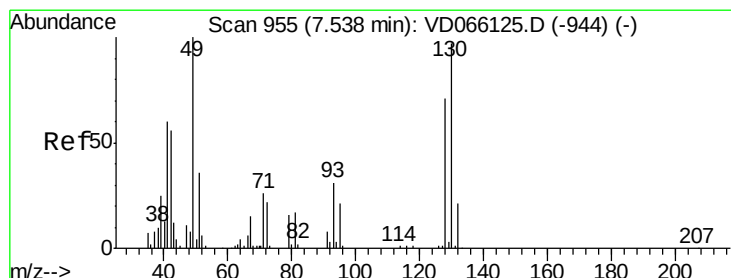
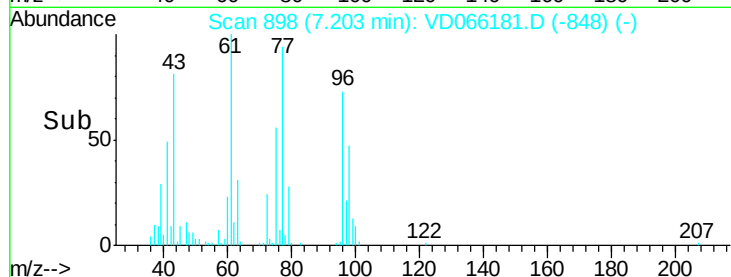
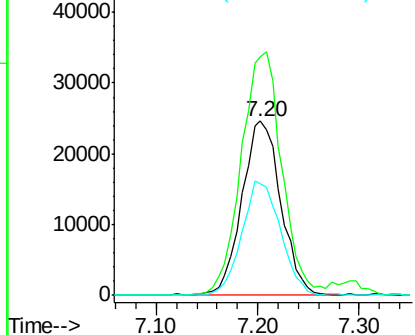
cis-1,2-Dichloroethene
 Concen: 19.200 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Tgt Ion: 96 Resp: 65816
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 281.6
 98 64.9 0.0 130.8



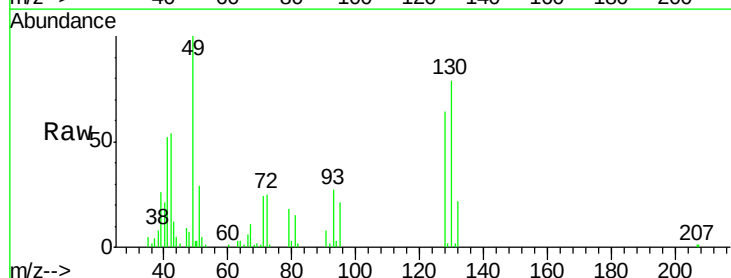
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



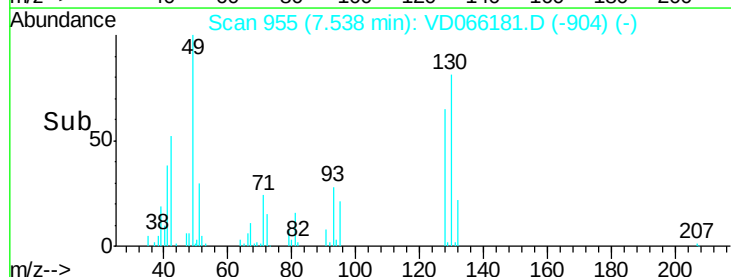
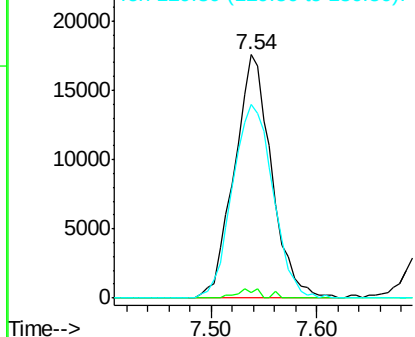
#28

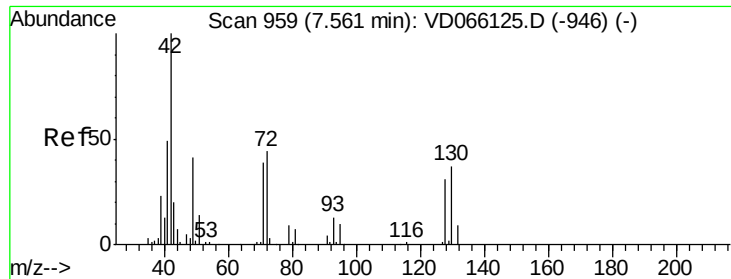
Bromochloromethane
 Concen: 23.157 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion: 49 Resp: 42900
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.0
 130 86.7 73.8 110.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC

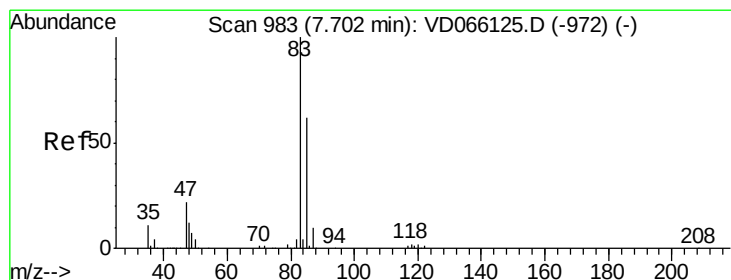
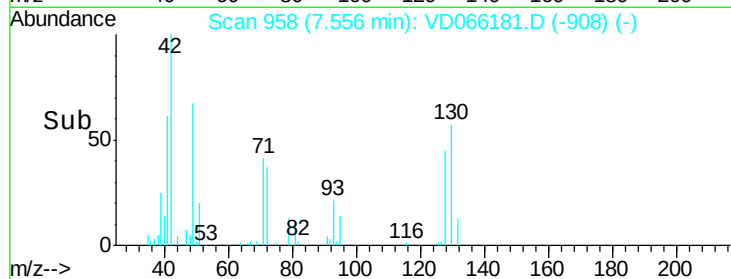
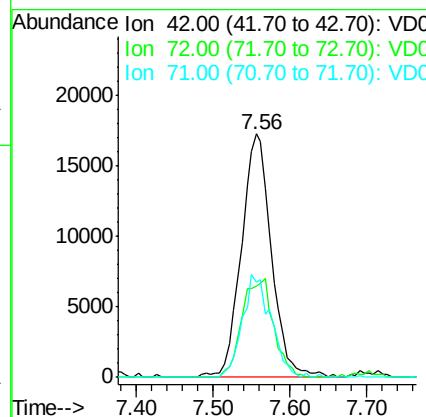
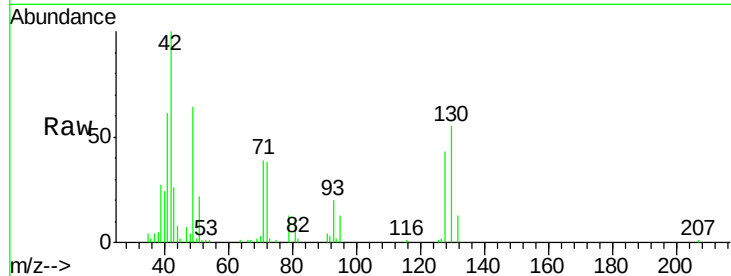




#29
Tetrahydrofuran
Concen: 95.335 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

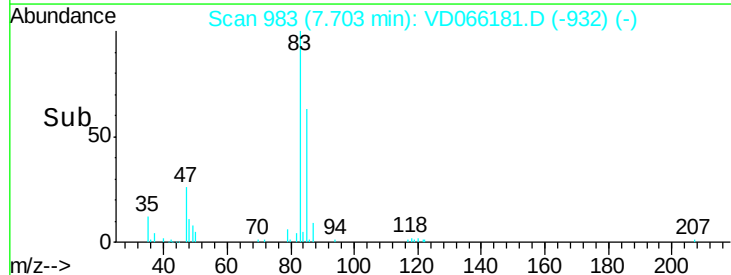
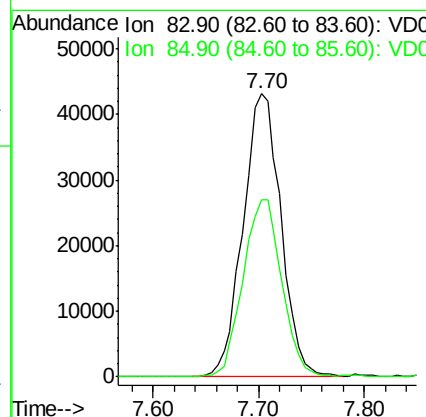
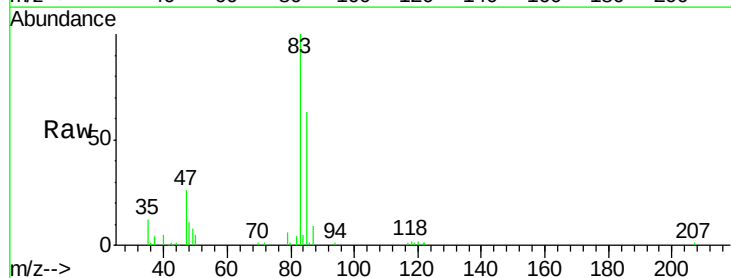
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

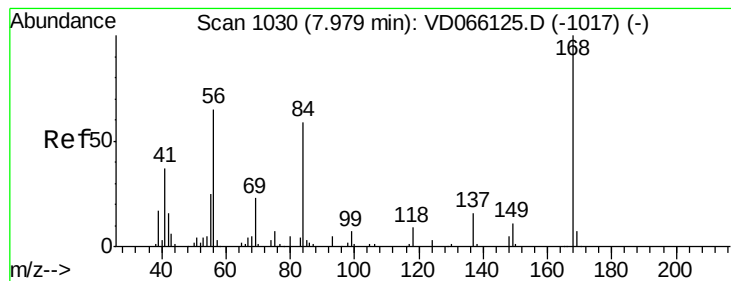
Tgt Ion: 42 Resp: 47241
Ion Ratio Lower Upper
42 100
72 42.4 34.8 52.2
71 40.0 33.5 50.3



#30
Chloroform
Concen: 19.411 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 83 Resp: 107504
Ion Ratio Lower Upper
83 100
85 62.7 49.5 74.3





#31

Cyclohexane

Concen: 18.607 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

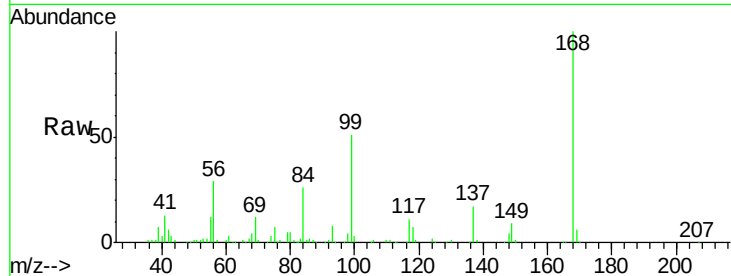
Tgt Ion: 56 Resp: 93421

Ion Ratio Lower Upper

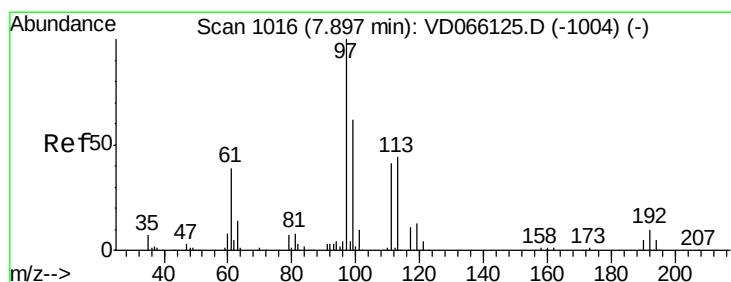
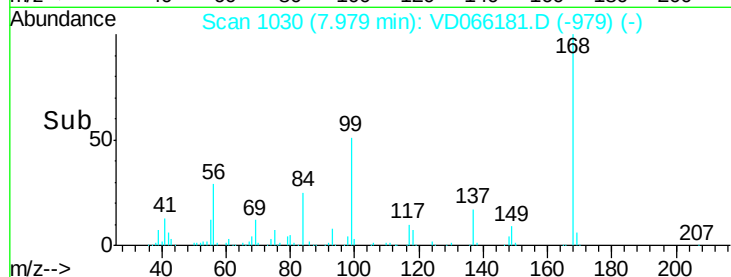
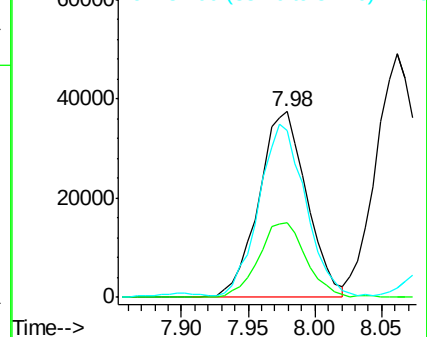
56 100

69 40.3 28.8 43.2

84 88.3 73.0 109.6



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 19.232 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

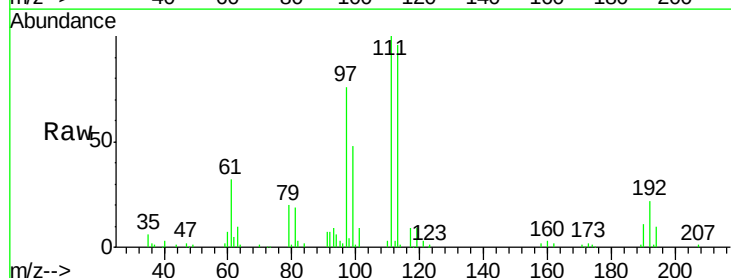
Tgt Ion: 97 Resp: 99872

Ion Ratio Lower Upper

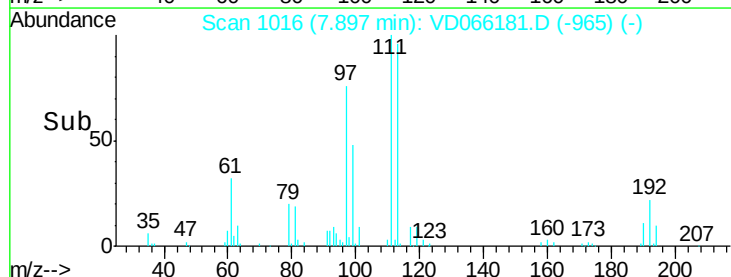
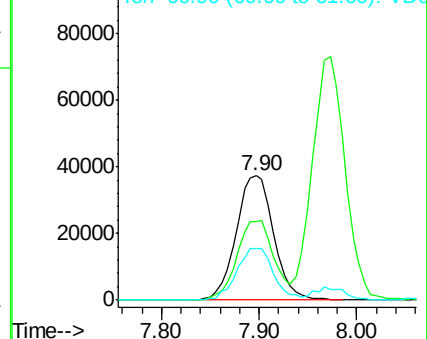
97 100

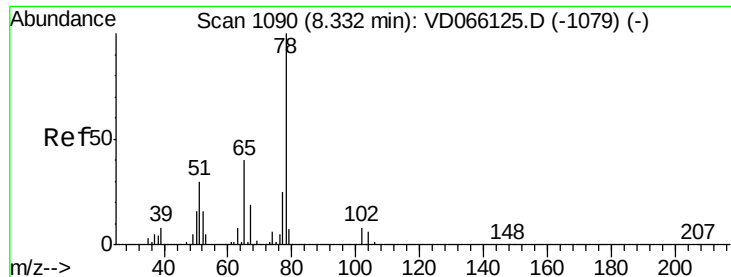
99 63.4 51.1 76.7

61 40.9 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

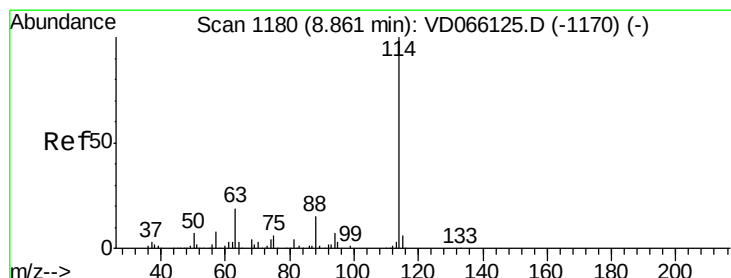
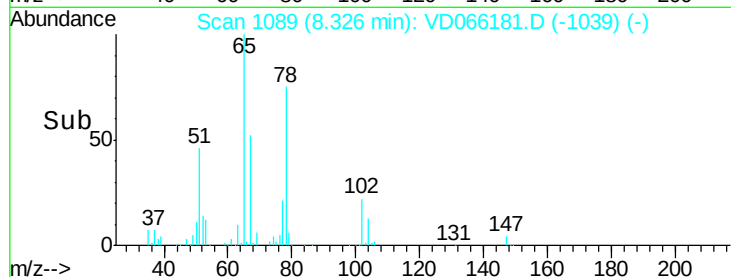
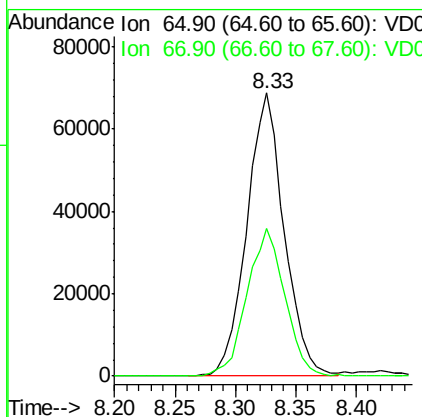
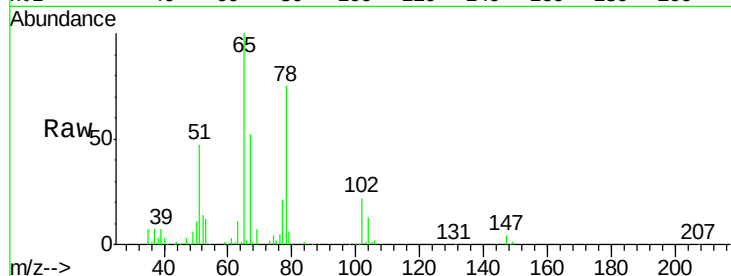




#33
 1,2-Dichloroethane-d4
 Concen: 51.493 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

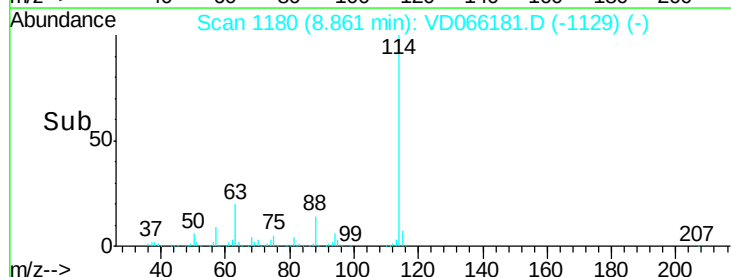
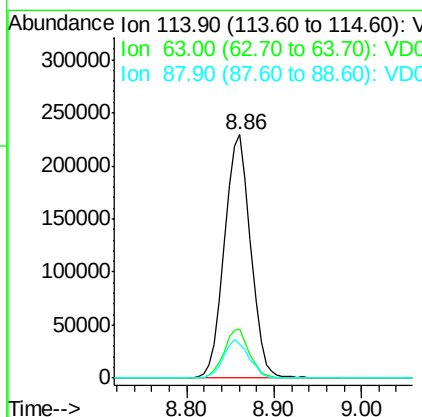
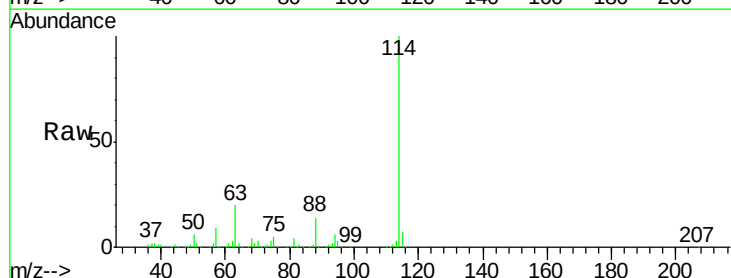
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

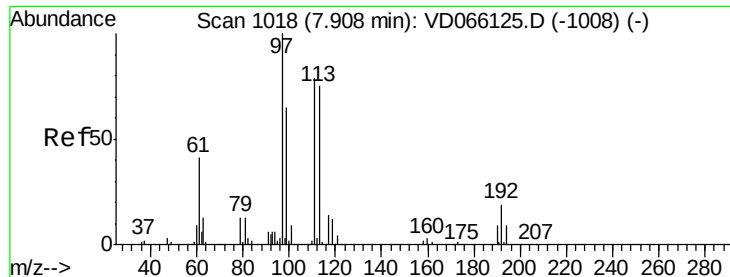
Tgt Ion: 65 Resp: 147573
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion: 114 Resp: 472379
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.6
 88 13.9 0.0 30.0

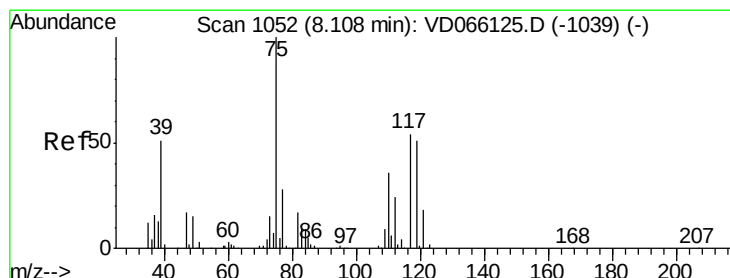
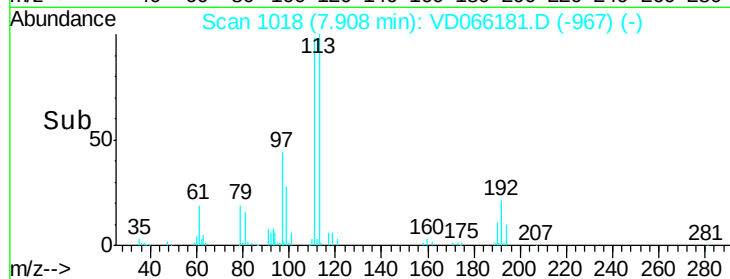
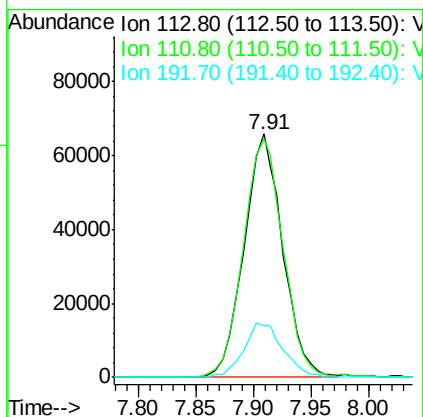
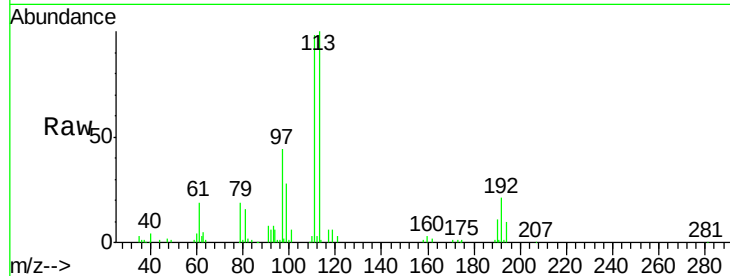




#35
 Dibromofluoromethane
 Concen: 51.125 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

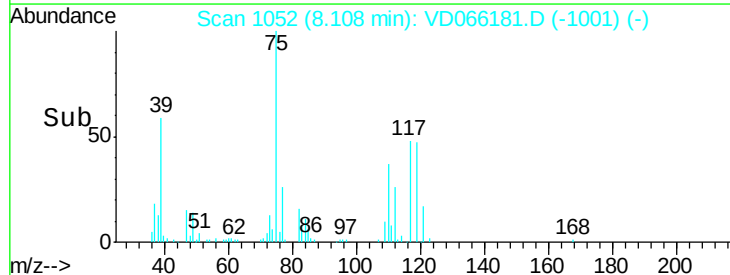
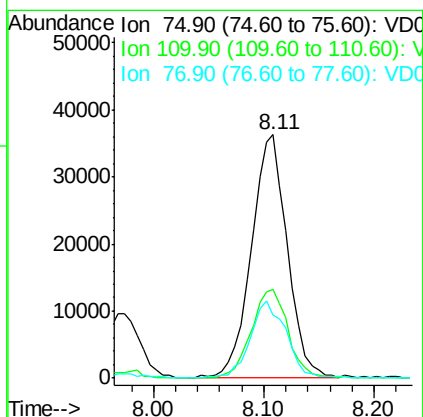
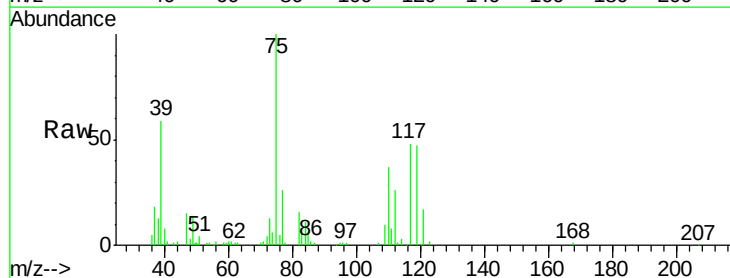
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

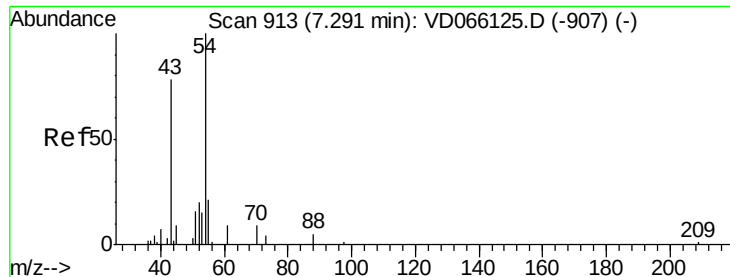
Tgt Ion: 113 Resp: 152989
 Ion Ratio Lower Upper
 113 100
 111 101.0 80.7 121.1
 192 22.7 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 18.668 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion: 75 Resp: 82864
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.8 56.3
 77 31.4 24.2 36.2

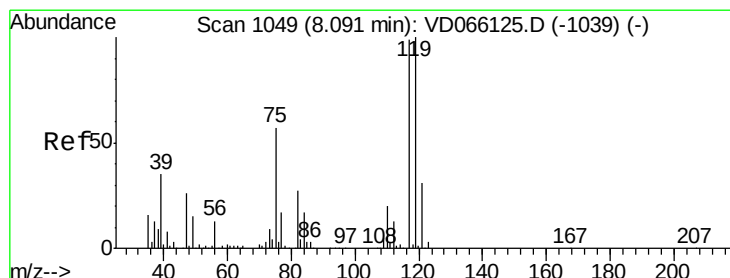
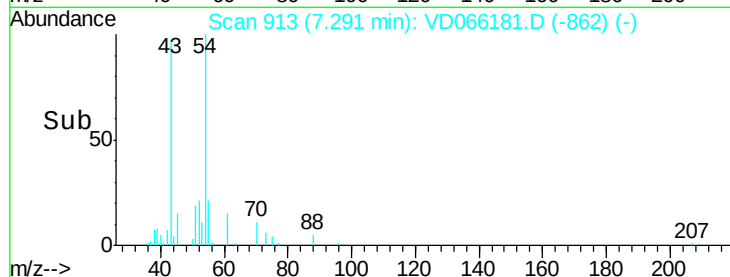
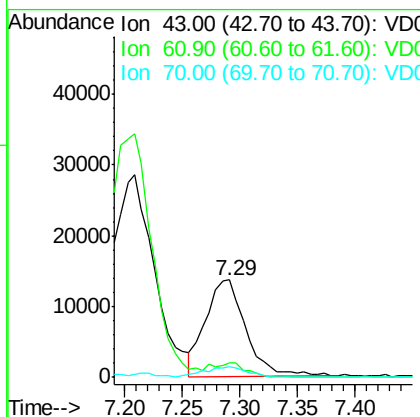
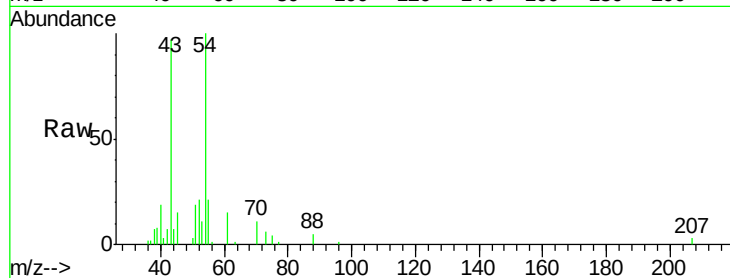




#37
 Ethyl Acetate
 Concen: 18.689 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

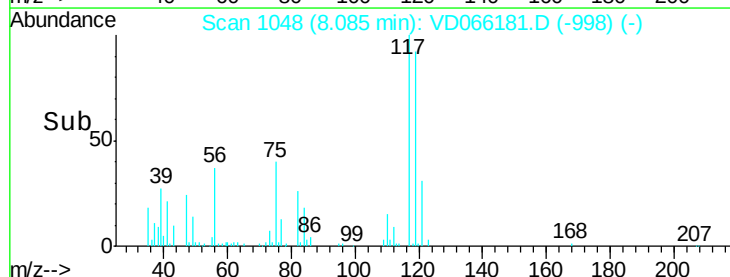
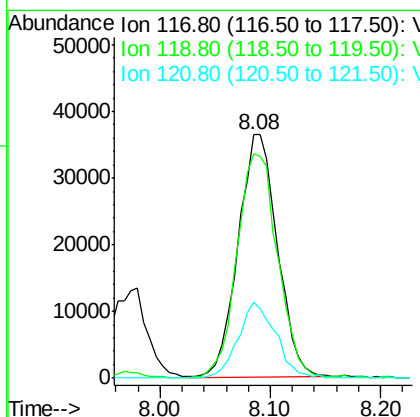
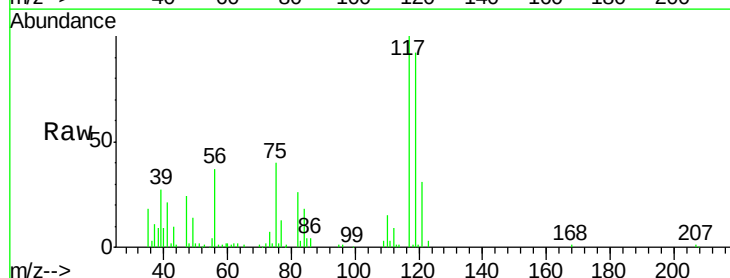
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

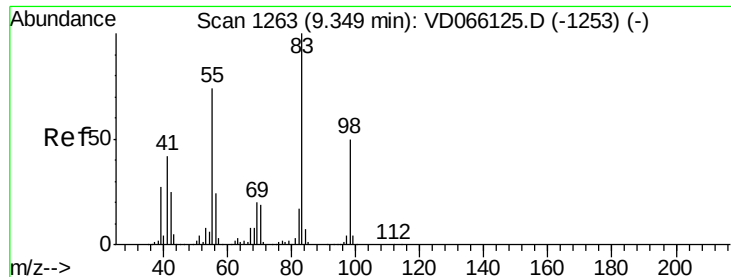
Tgt Ion: 43 Resp: 32870
 Ion Ratio Lower Upper
 43 100
 61 12.8 12.0 18.0
 70 11.7 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 18.367 ug/l
 RT: 8.08 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion: 117 Resp: 90918
 Ion Ratio Lower Upper
 117 100
 119 92.5 81.0 121.4
 121 31.4 24.8 37.2

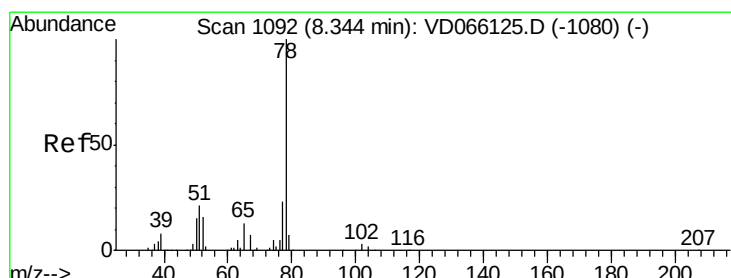
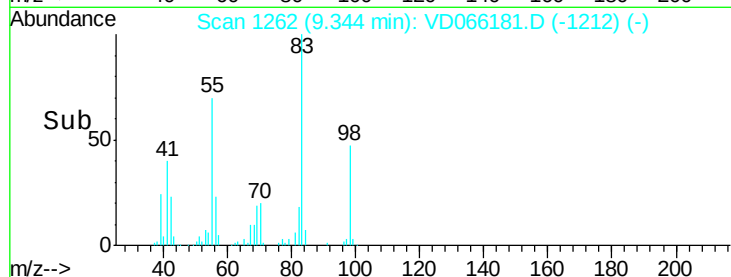
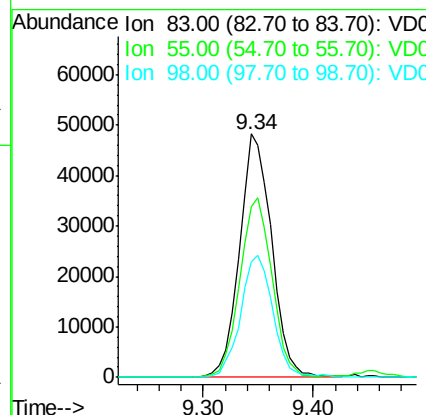
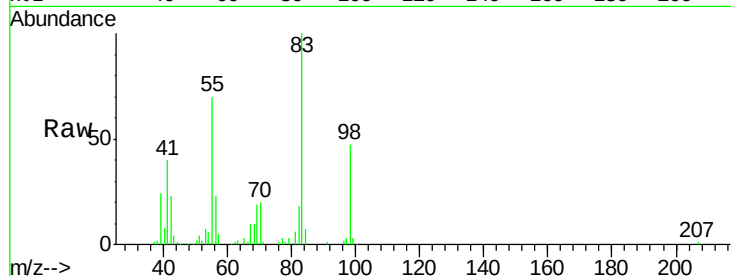




#39
Methylcyclohexane
Concen: 18.421 ug/l
RT: 9.34 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

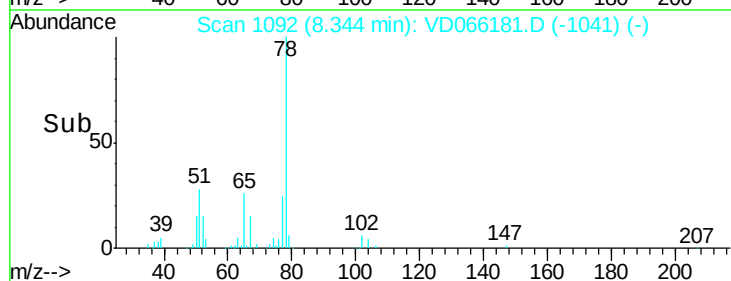
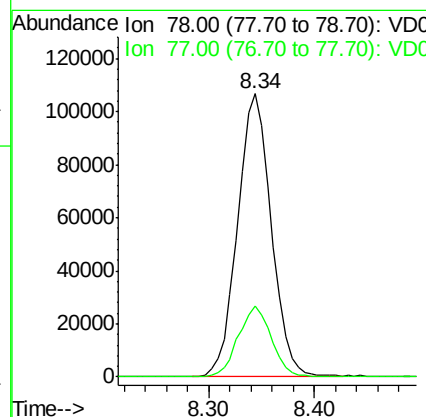
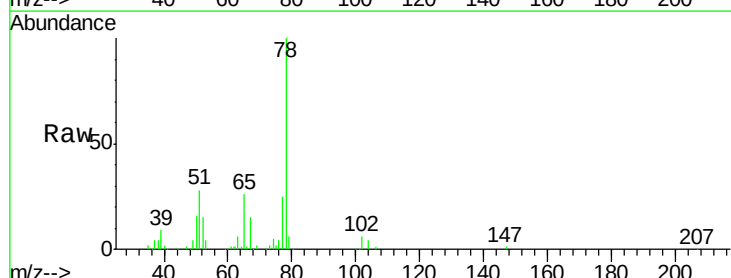
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

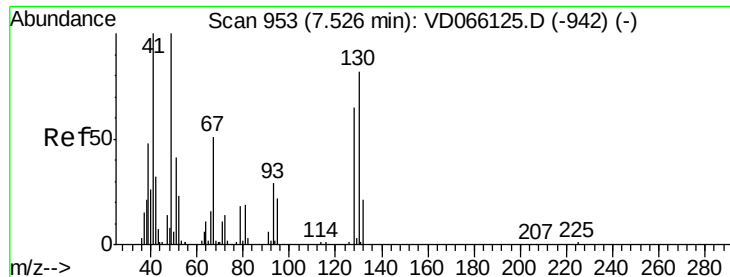
Tgt Ion: 83 Resp: 98845
Ion Ratio Lower Upper
83 100
55 70.1 59.2 88.8
98 47.4 39.8 59.6



#40
Benzene
Concen: 19.155 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 78 Resp: 235880
Ion Ratio Lower Upper
78 100
77 25.1 18.6 27.8

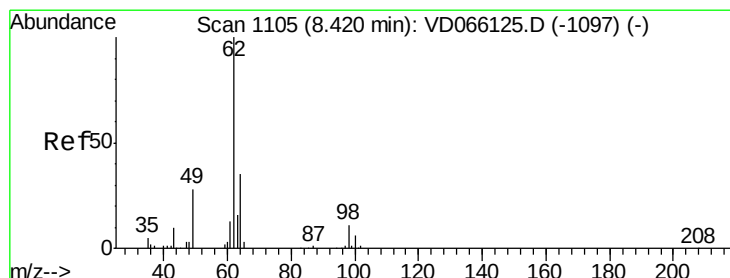
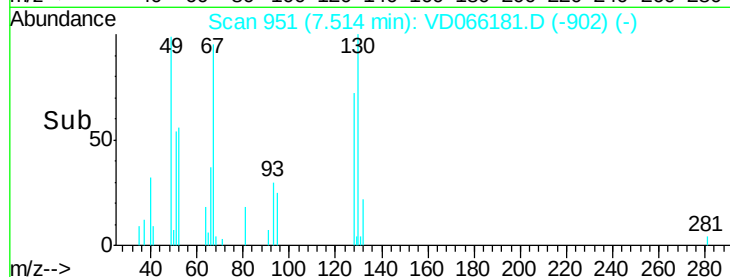
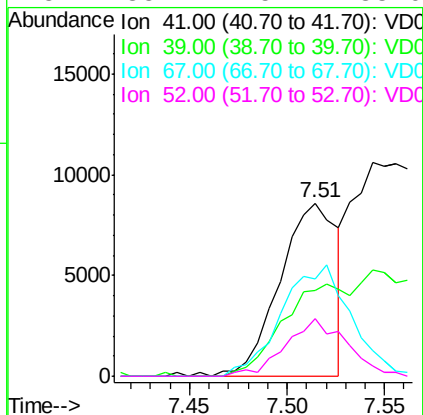
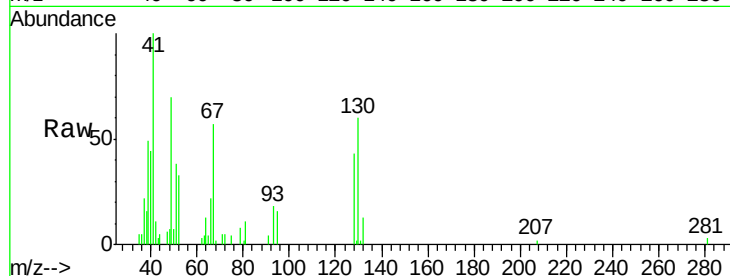




#41
Methacrylonitrile
Concen: 17.009 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

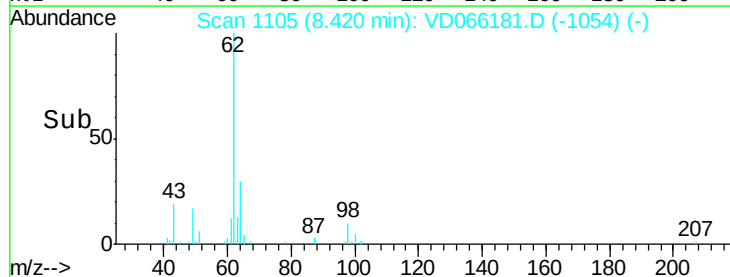
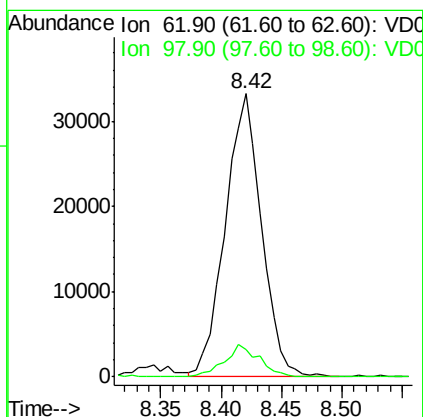
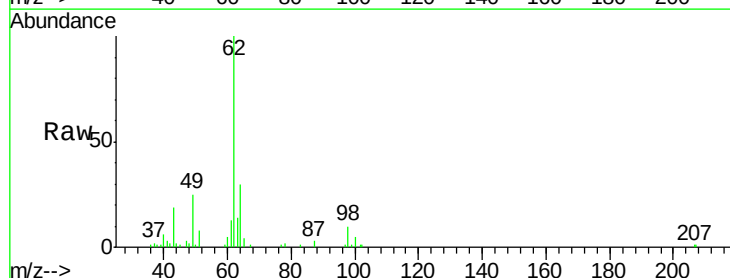
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

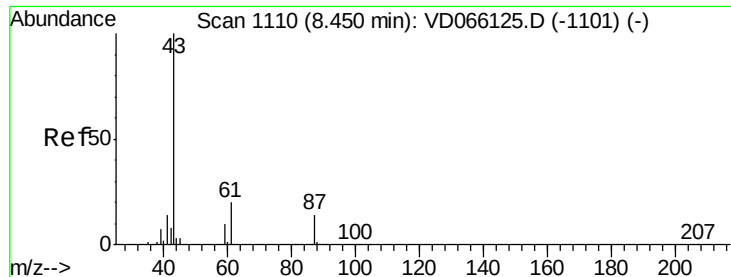
Tgt Ion:	41	Resp:	17589
Ion	Ratio	Lower	Upper
41	100		
39	61.3	47.5	71.3
67	78.5	59.1	88.7
52	35.1	25.4	38.0



#42
1,2-Dichloroethane
Concen: 19.178 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion:	62	Resp:	69375
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.4





#43

Isopropyl Acetate

Concen: 18.494 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

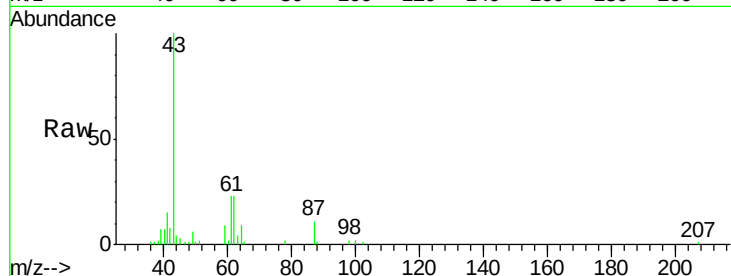
Tgt Ion: 43 Resp: 64087

Ion Ratio Lower Upper

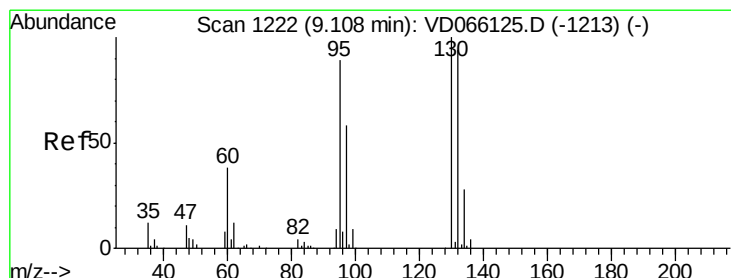
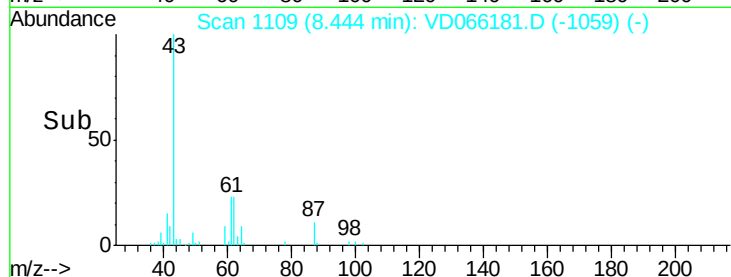
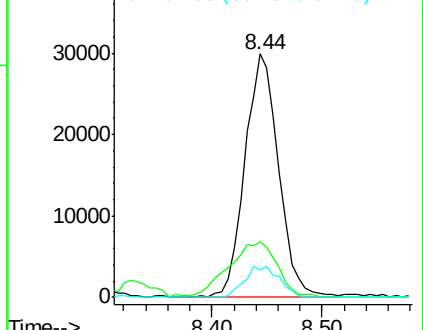
43 100

61 32.6 25.5 38.3

87 13.0 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 18.284 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066181.D

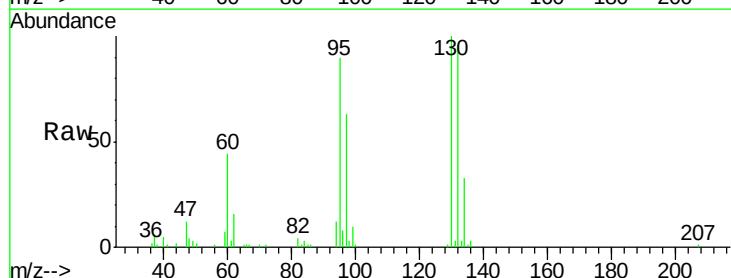
Acq: 11 Aug 2020 12:28

Tgt Ion: 130 Resp: 67846

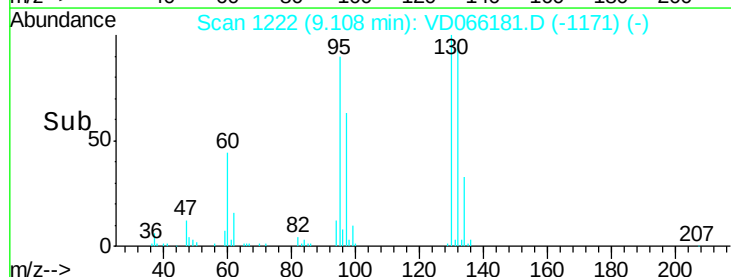
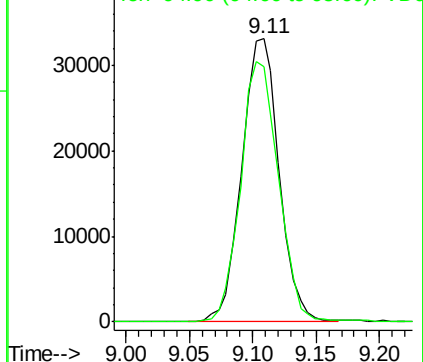
Ion Ratio Lower Upper

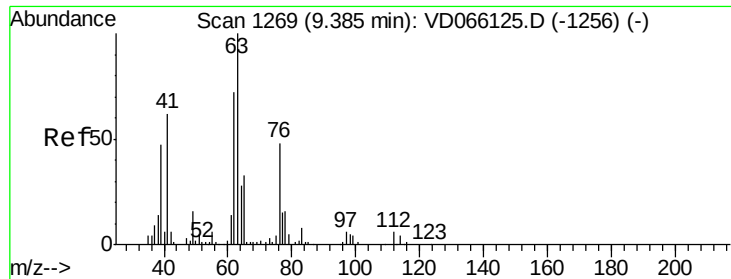
130 100

95 90.0 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

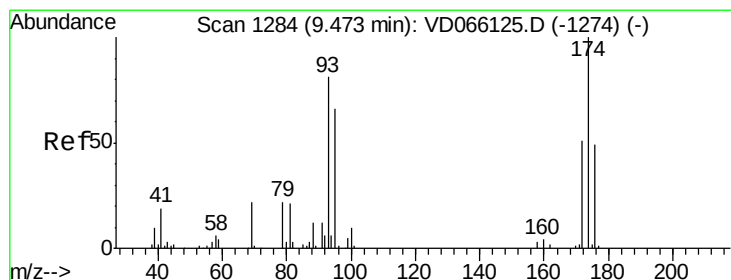
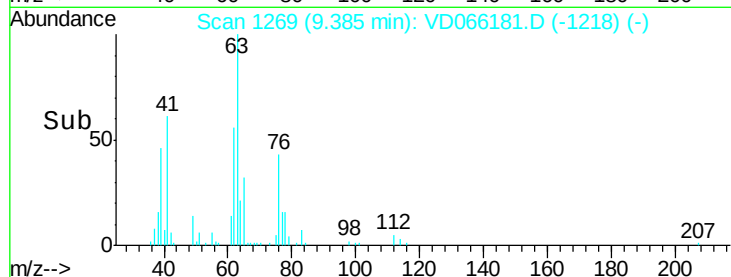
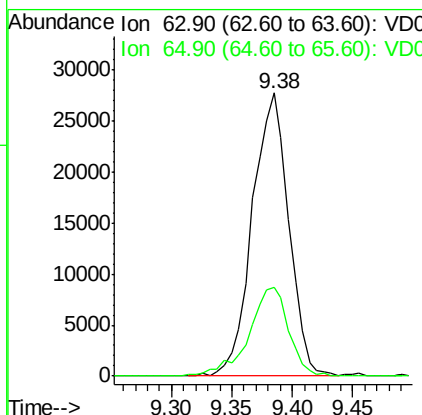
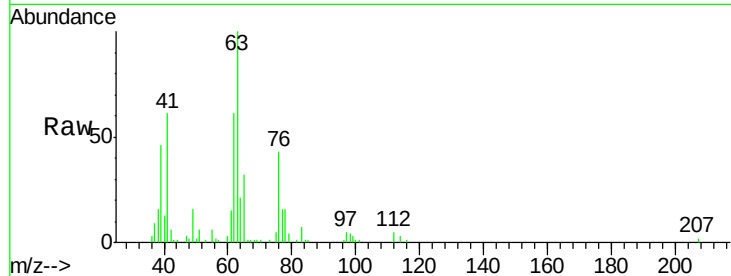




#45
 1,2-Dichloropropane
 Concen: 19.236 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

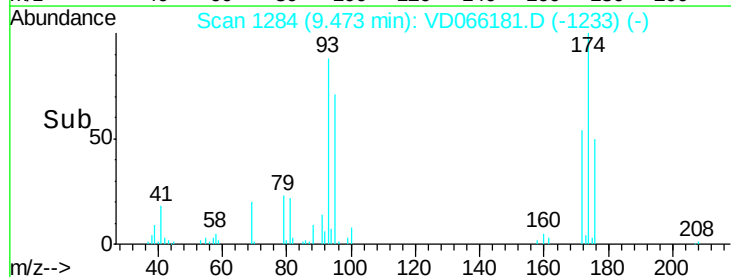
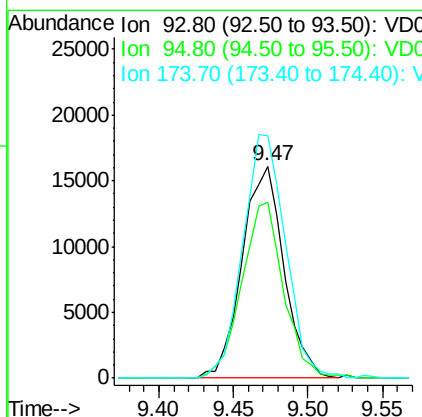
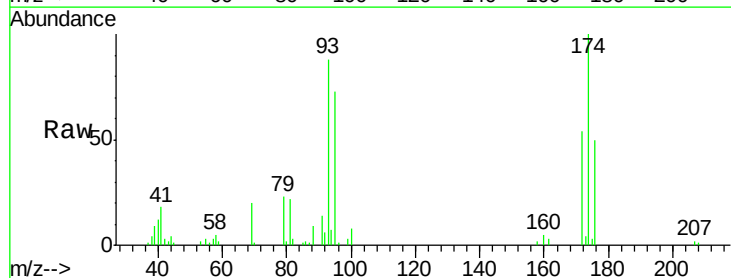
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

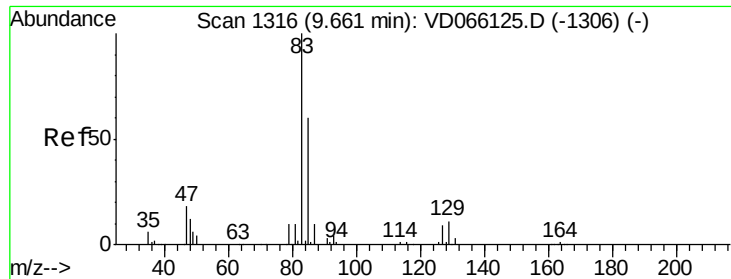
Tgt Ion: 63 Resp: 57933
 Ion Ratio Lower Upper
 63 100
 65 31.6 26.5 39.7



#46
 Dibromomethane
 Concen: 18.762 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion: 93 Resp: 31124
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.6
 174 117.4 92.8 139.2

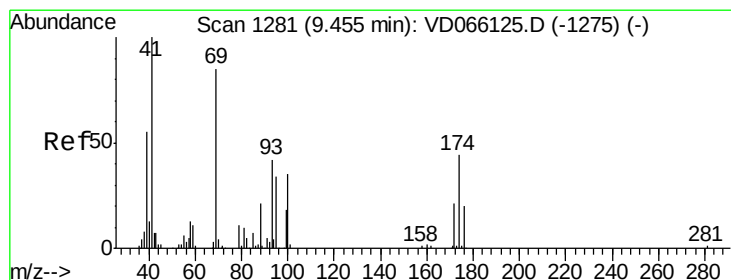
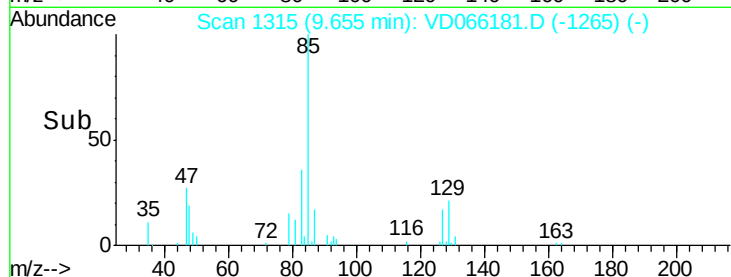
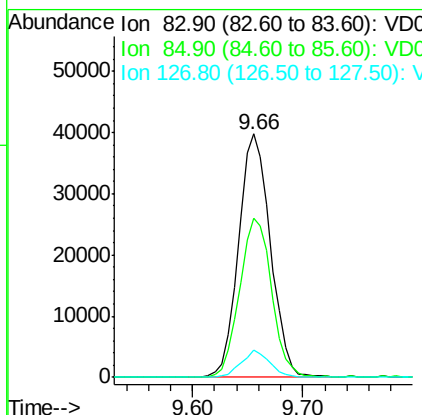
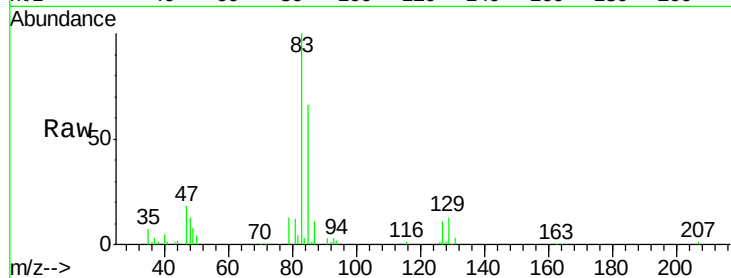




#47
Bromodichloromethane
Concen: 18.416 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

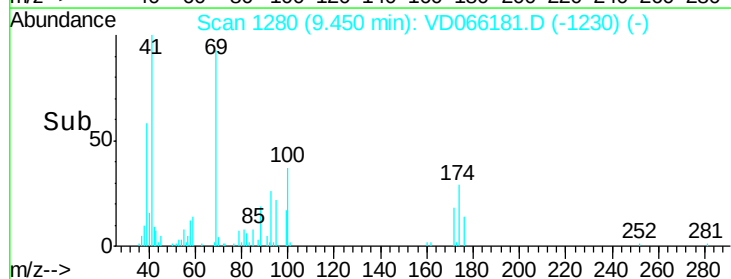
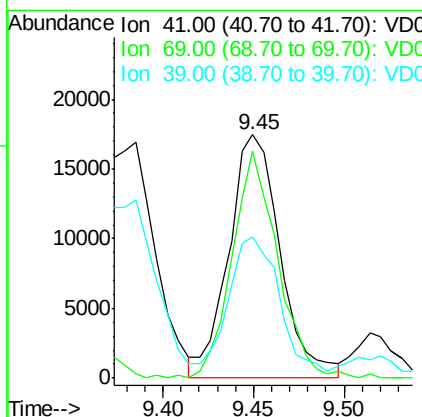
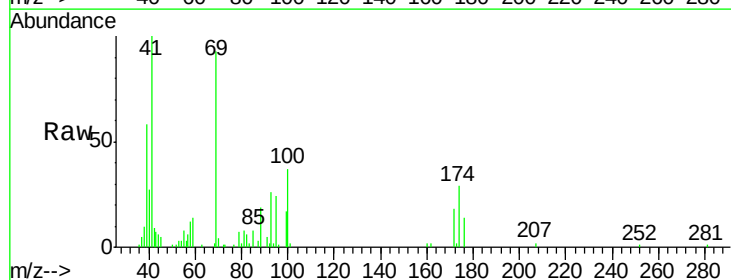
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

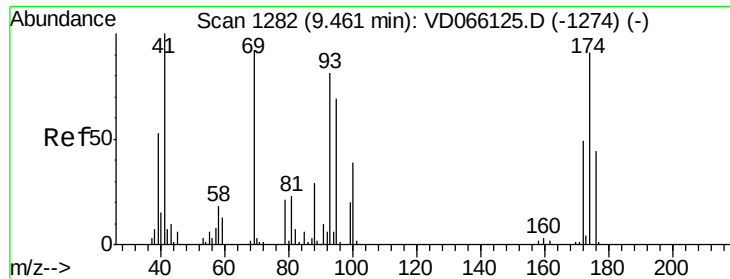
Tgt Ion: 83 Resp: 80742
Ion Ratio Lower Upper
83 100
85 65.5 48.2 72.4
127 11.3 7.3 10.9#



#48
Methyl methacrylate
Concen: 19.548 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 41 Resp: 34589
Ion Ratio Lower Upper
41 100
69 82.1 63.9 95.9
39 53.1 42.6 64.0

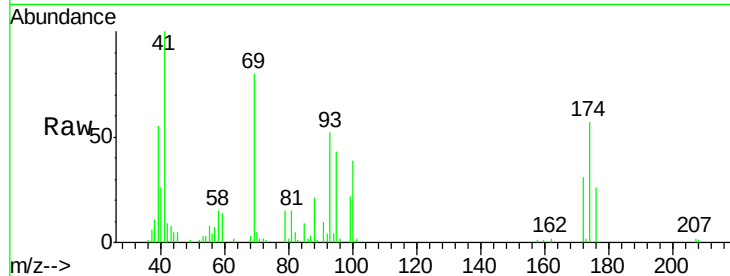




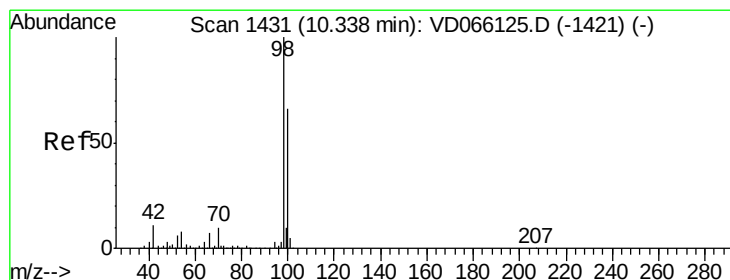
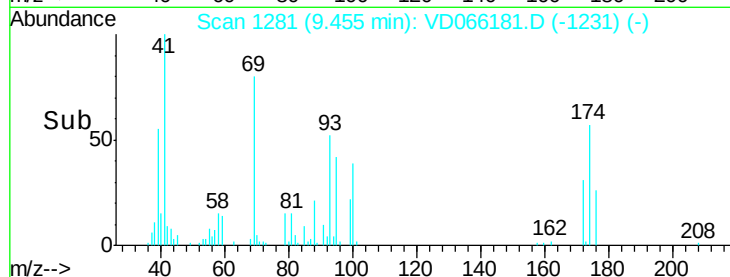
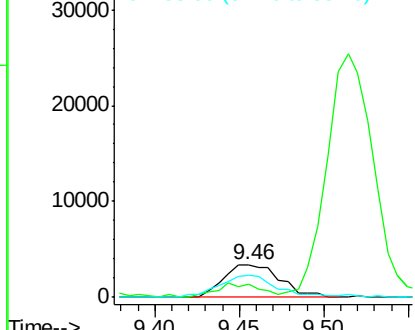
#49
1,4-Dioxane
Concen: 368.559 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

Tgt Ion: 88 Resp: 7855
Ion Ratio Lower Upper
88 100
43 33.3 27.5 41.3
58 69.7 50.2 75.4

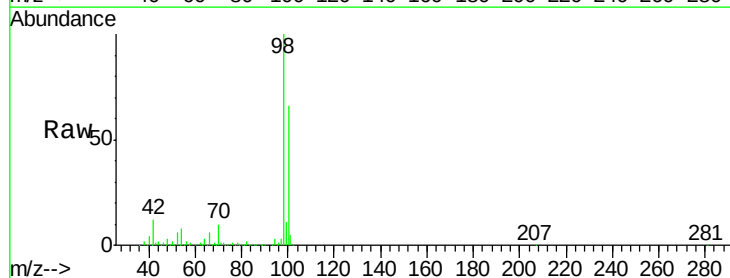


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

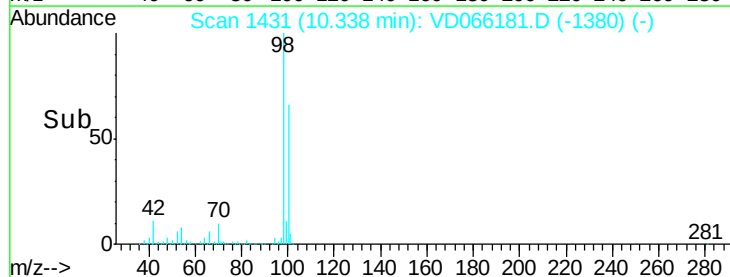
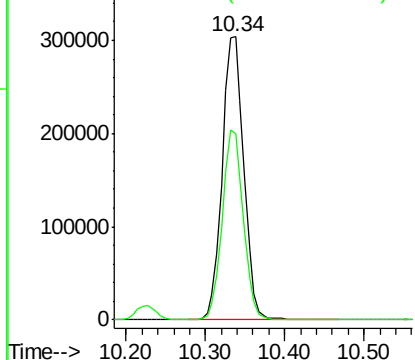


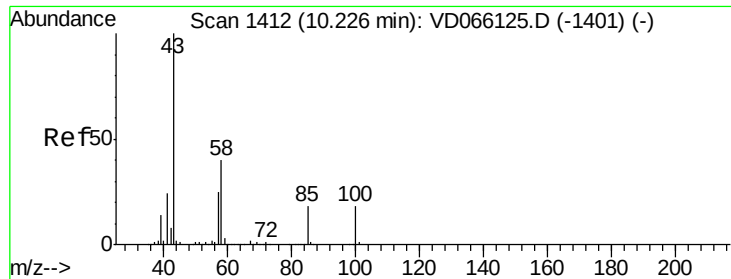
#50
Toluene-d8
Concen: 51.651 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 98 Resp: 570379
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

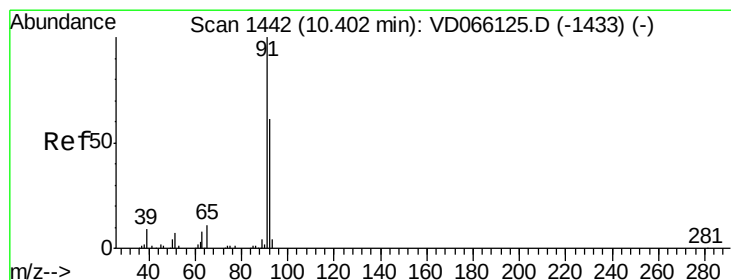
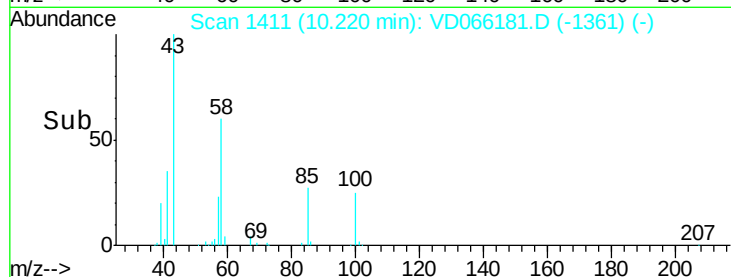
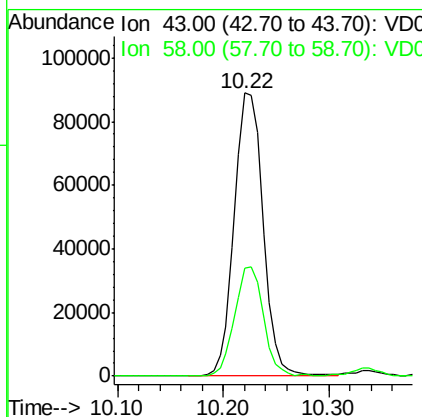
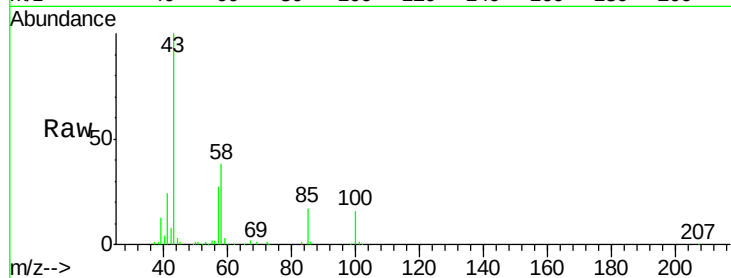




#51
 4-Methyl-2-Pentanone
 Concen: 94.742 ug/l
 RT: 10.22 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

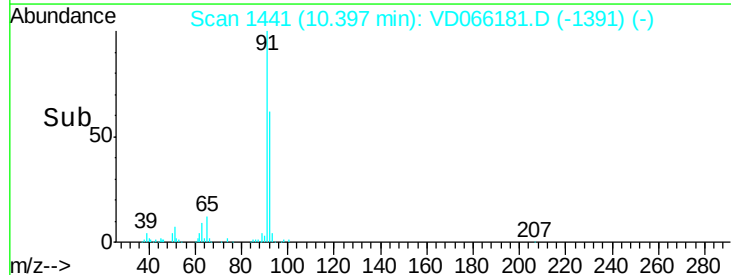
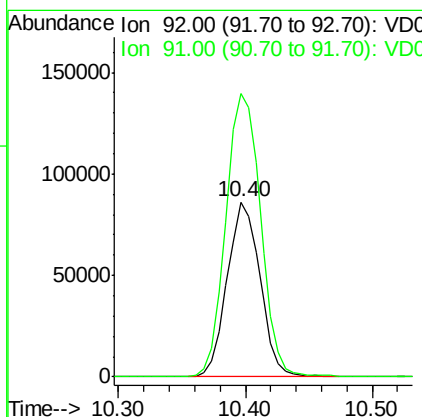
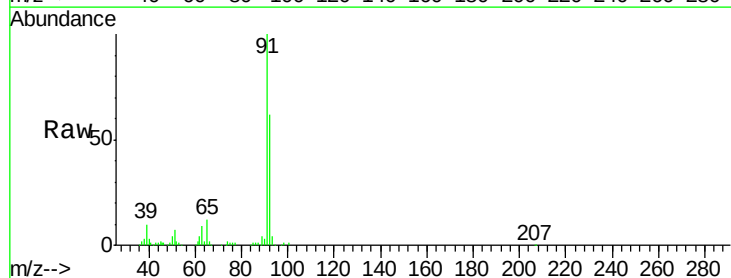
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

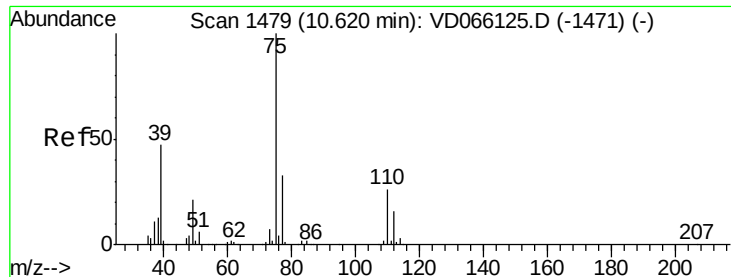
Tgt Ion: 43 Resp: 168638
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.1 46.7



#52
 Toluene
 Concen: 19.106 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion: 92 Resp: 154816
 Ion Ratio Lower Upper
 92 100
 91 171.6 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 18.914 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

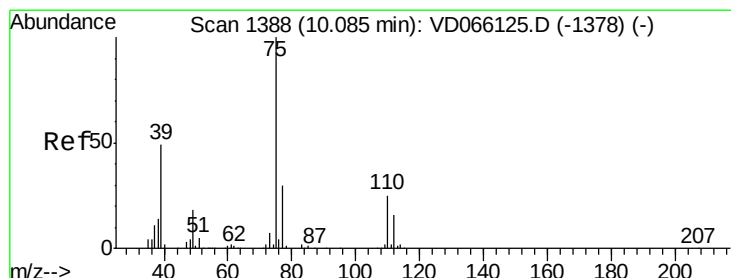
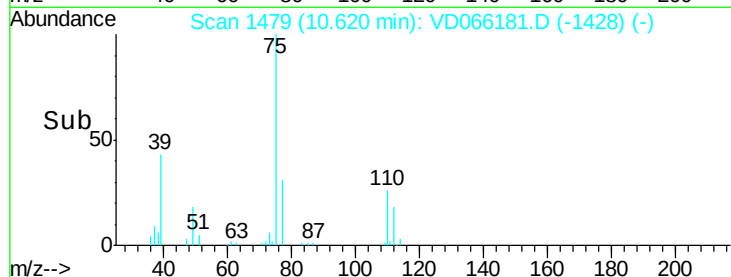
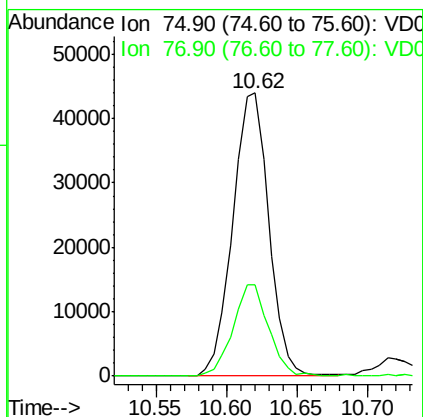
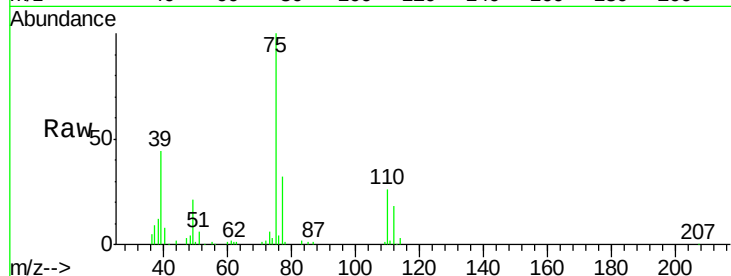
VD0811SBS01

Tgt Ion: 75 Resp: 78697

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 18.961 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

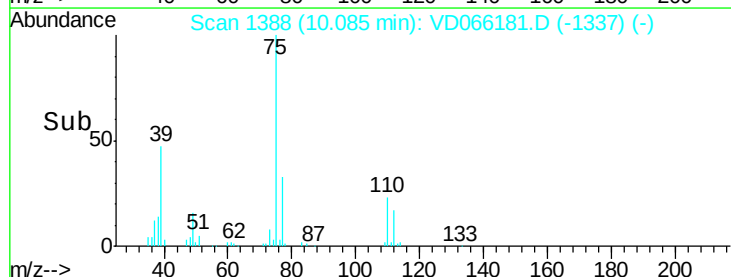
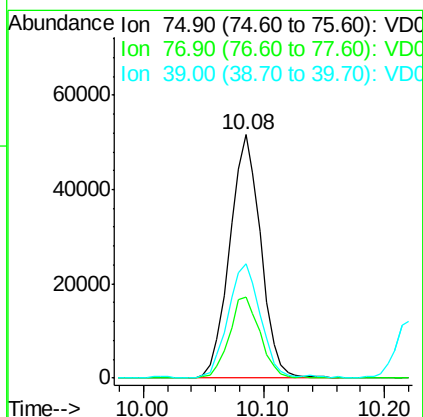
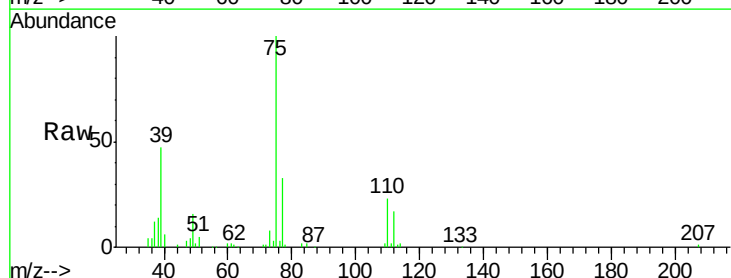
Tgt Ion: 75 Resp: 92433

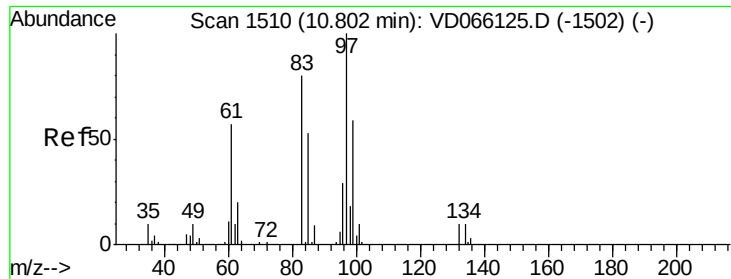
Ion Ratio Lower Upper

75 100

77 33.1 24.3 36.5

39 47.0 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 19.362 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

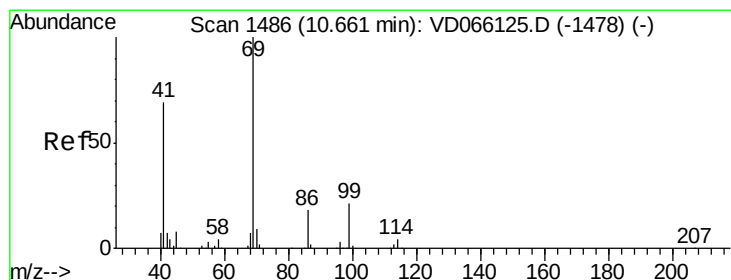
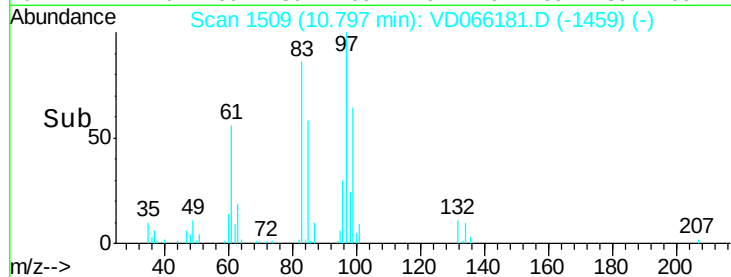
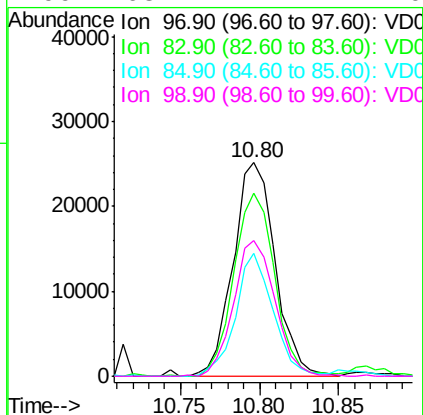
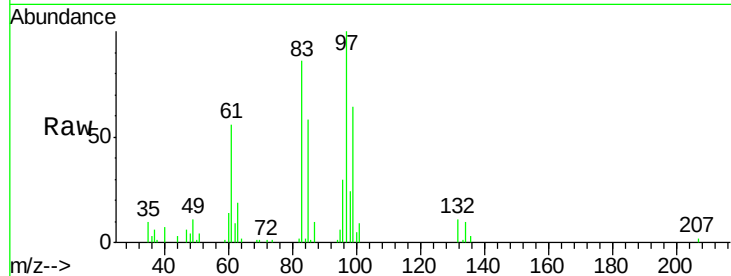
Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

Tgt Ion:	97	Resp:	46250
Ion	Ratio	Lower	Upper
97	100		
83	85.7	63.9	95.9
85	57.6	42.5	63.7
99	63.1	47.4	71.0



#56

Ethyl methacrylate

Concen: 18.683 ug/l

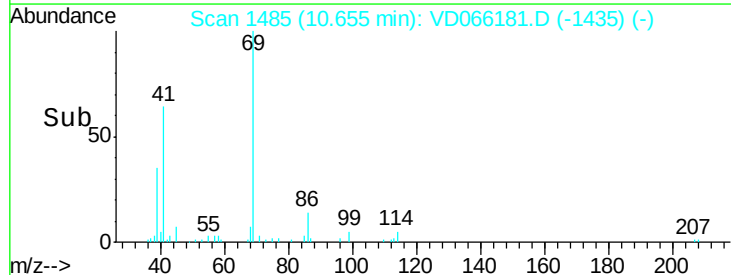
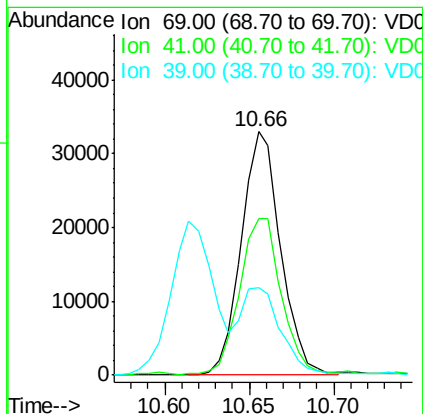
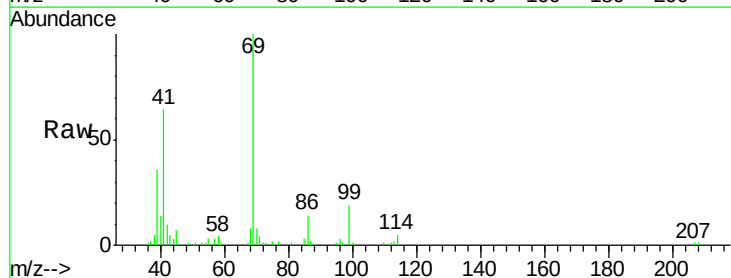
RT: 10.66 min Scan# 1485

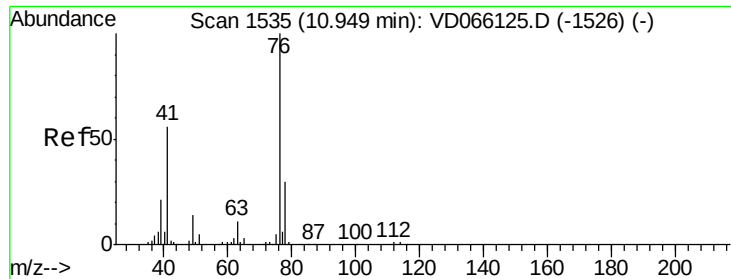
Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Tgt Ion:	69	Resp:	53613
Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.1	81.1
39	36.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.974 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

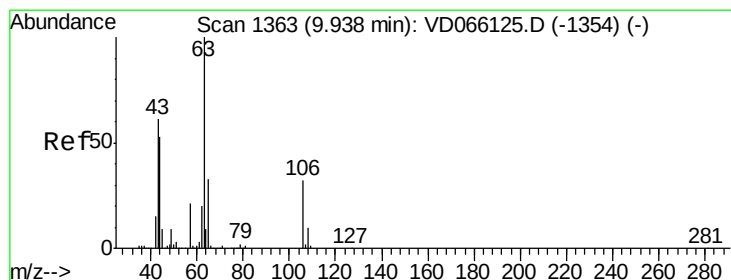
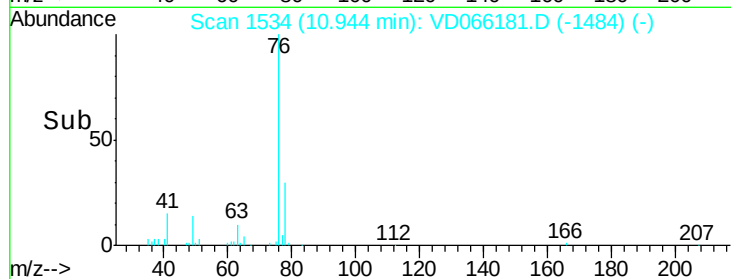
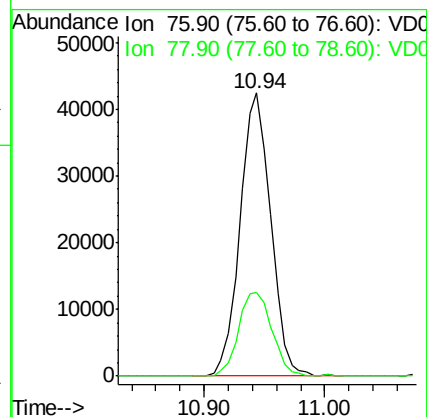
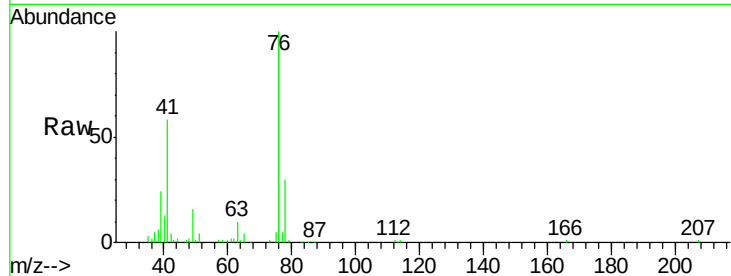
VD0811SBS01

Tgt Ion: 76 Resp: 75244

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 109.821 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066181.D

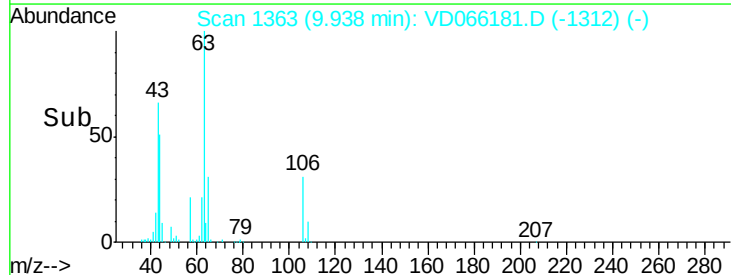
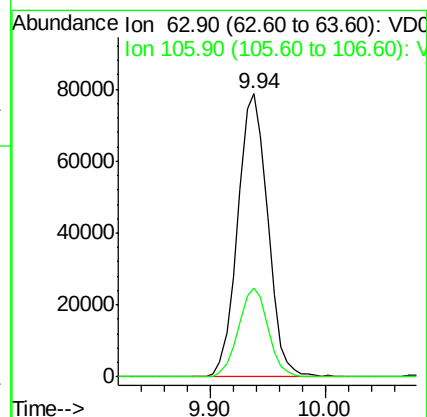
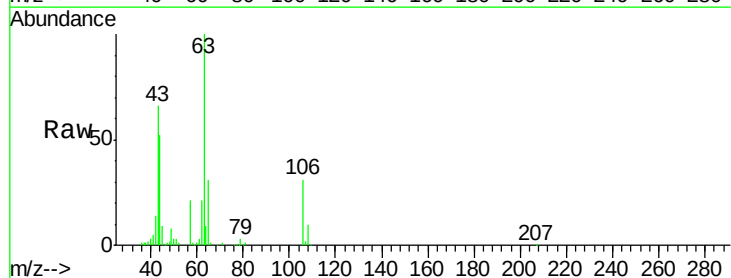
Acq: 11 Aug 2020 12:28

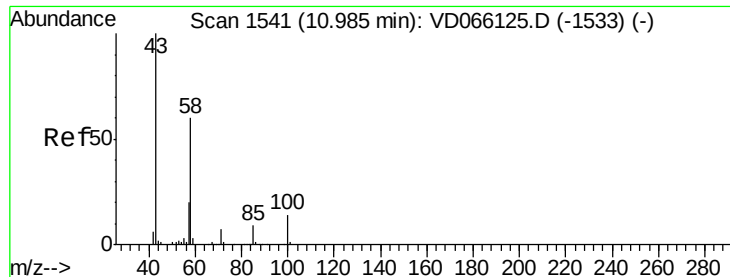
Tgt Ion: 63 Resp: 141754

Ion Ratio Lower Upper

63 100

106 30.8 25.3 37.9

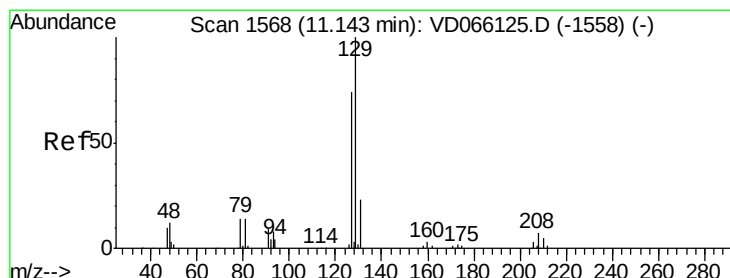
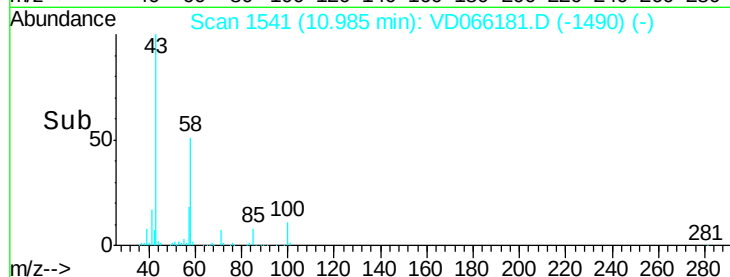
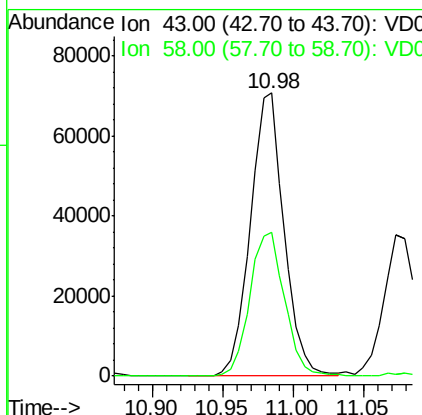
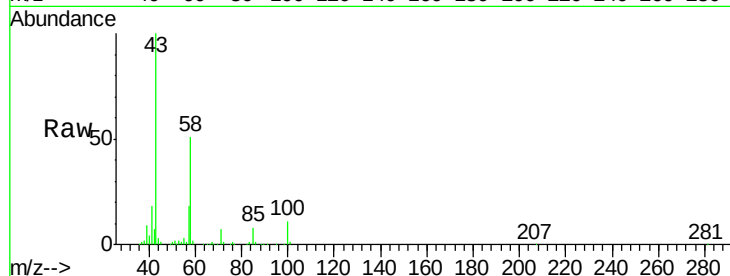




#59
2-Hexanone
Concen: 95.090 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

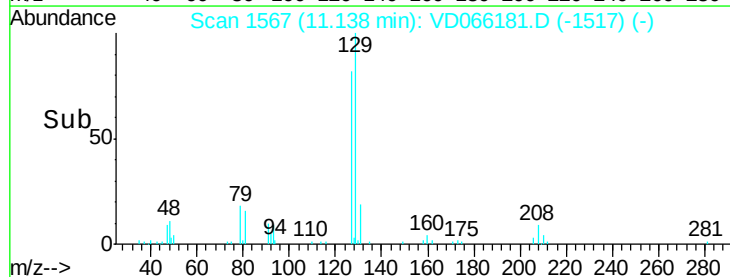
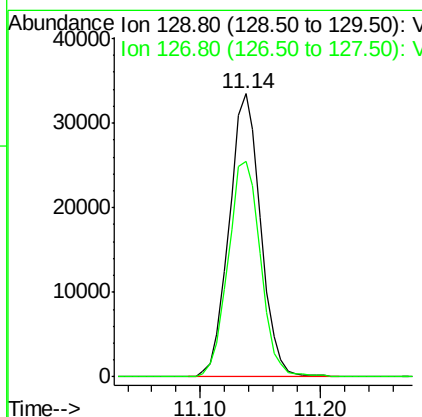
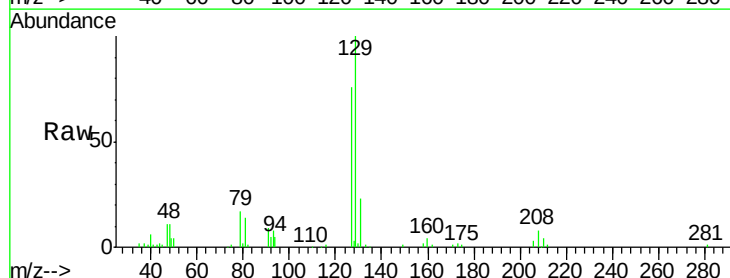
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

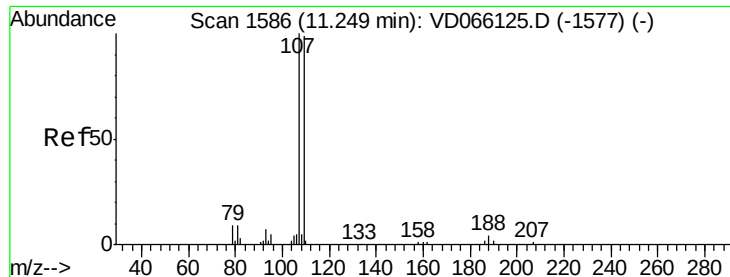
Tgt Ion: 43 Resp: 118788
Ion Ratio Lower Upper
43 100
58 52.2 27.8 83.4



#60
Dibromochloromethane
Concen: 18.446 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 129 Resp: 60833
Ion Ratio Lower Upper
129 100
127 78.3 38.0 114.1

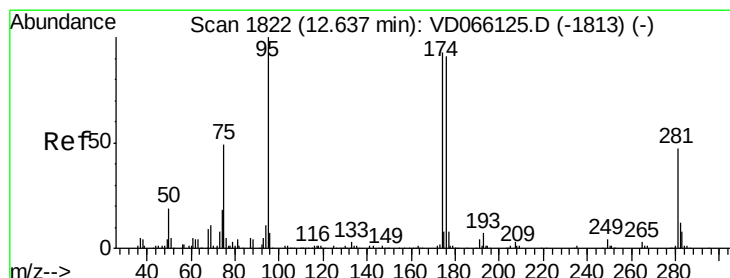
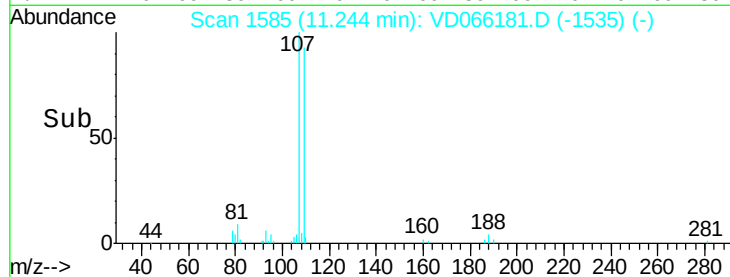
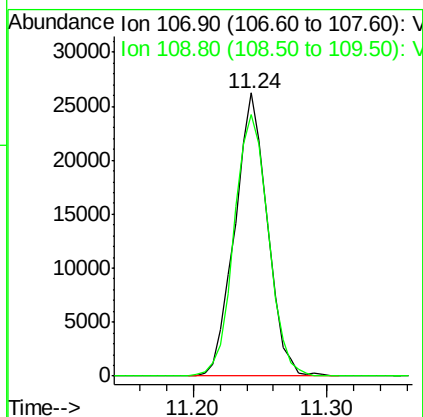
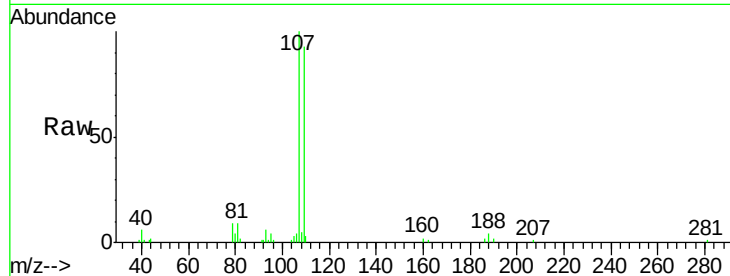




#61
 1,2-Dibromoethane
 Concen: 19.282 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

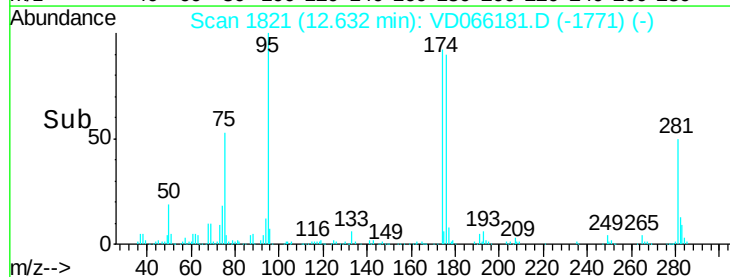
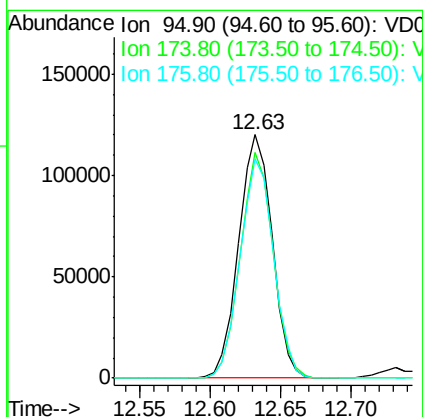
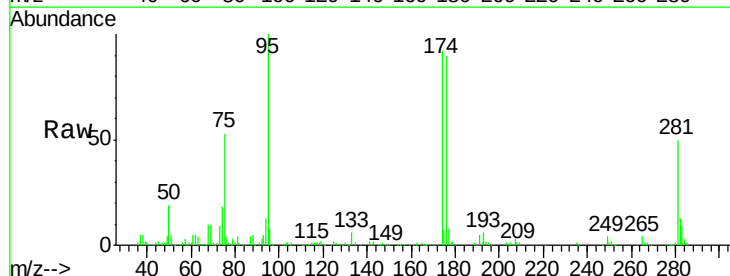
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

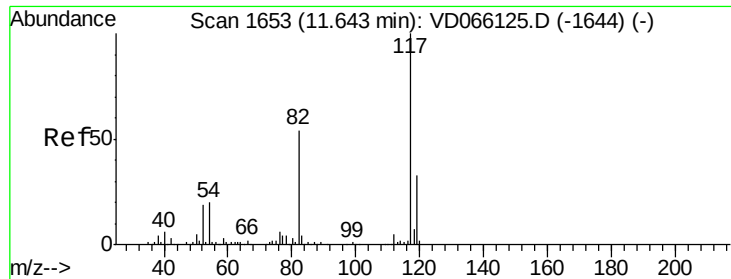
Tgt Ion: 107 Resp: 44295
 Ion Ratio Lower Upper
 107 100
 109 97.1 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.322 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion: 95 Resp: 200309
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 180.8
 176 89.9 0.0 181.2

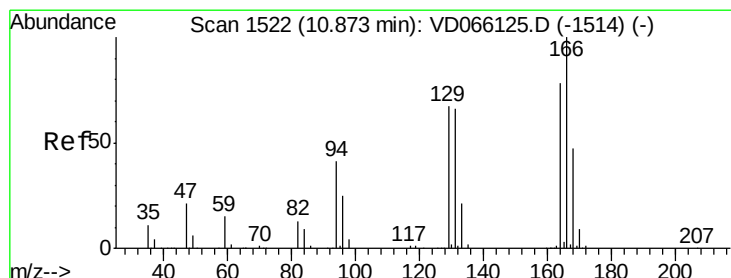
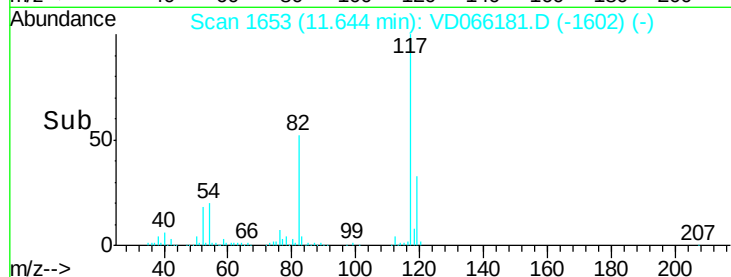
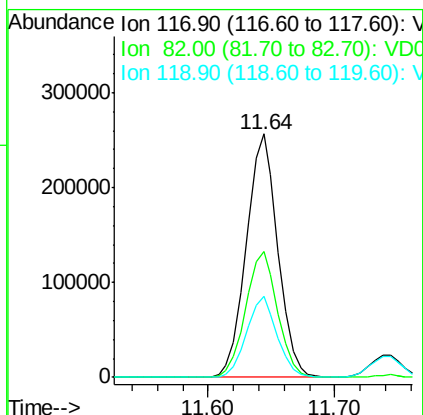
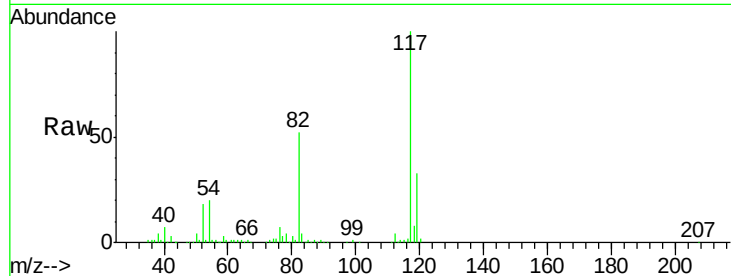




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

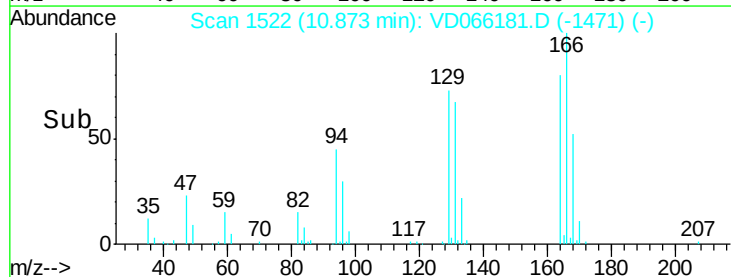
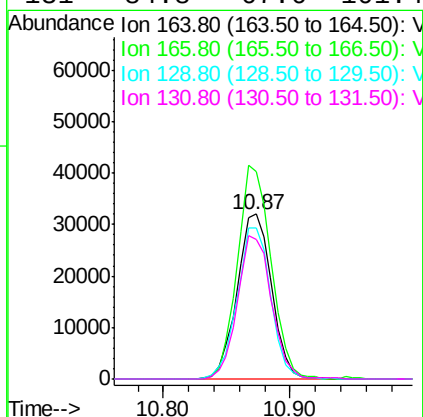
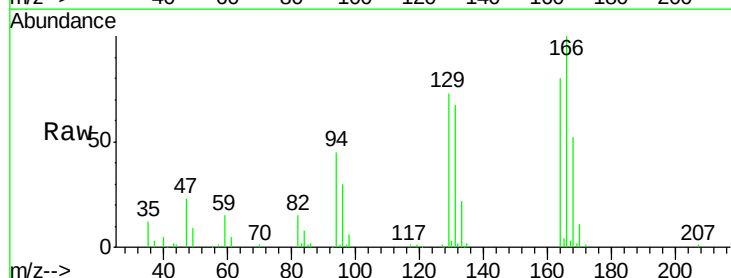
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

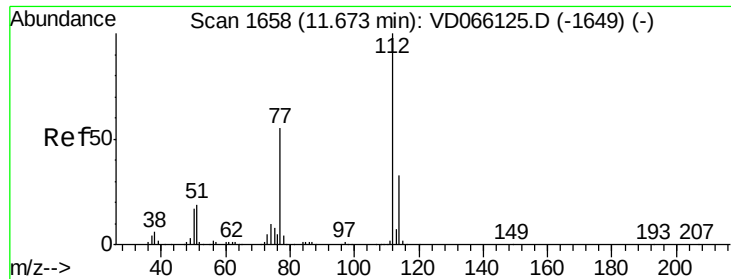
Tgt Ion:117 Resp: 442094
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 33.1 26.1 39.1



#64
Tetrachloroethene
Concen: 17.755 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion:164 Resp: 60275
Ion Ratio Lower Upper
164 100
166 125.7 101.9 152.9
129 91.4 68.1 102.1
131 84.8 67.6 101.4

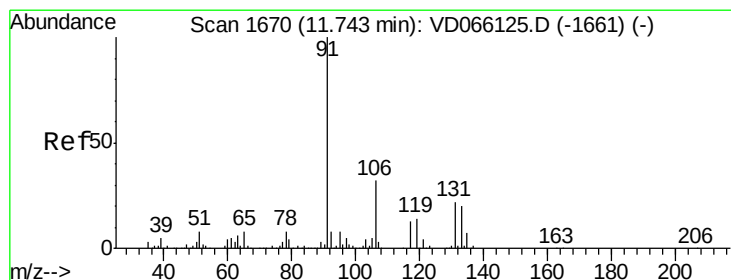
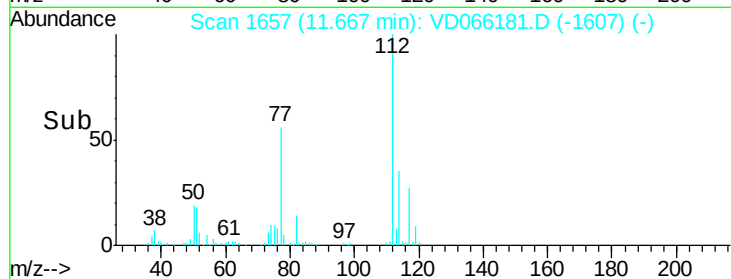
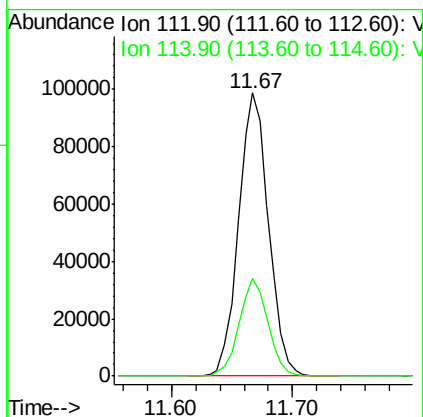
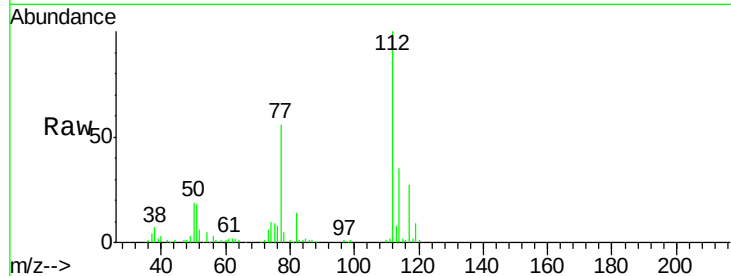




#65
Chlorobenzene
Concen: 18.972 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

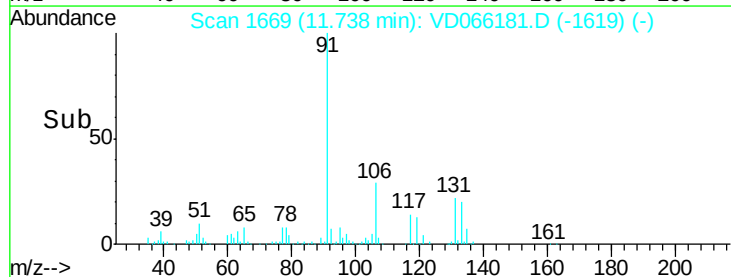
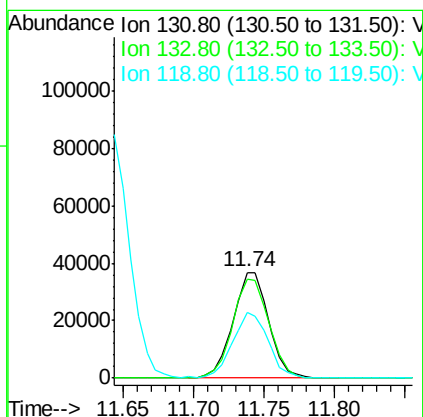
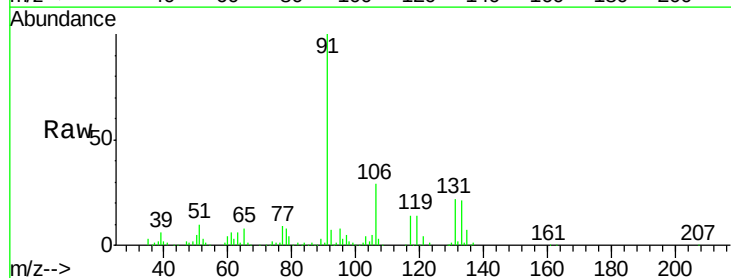
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

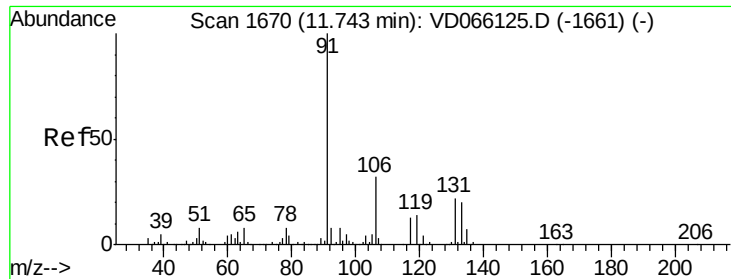
Tgt Ion:112 Resp: 170269
Ion Ratio Lower Upper
112 100
114 34.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.403 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion:131 Resp: 64624
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 62.1 31.6 94.7





#67

Ethyl Benzene

Concen: 18.728 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

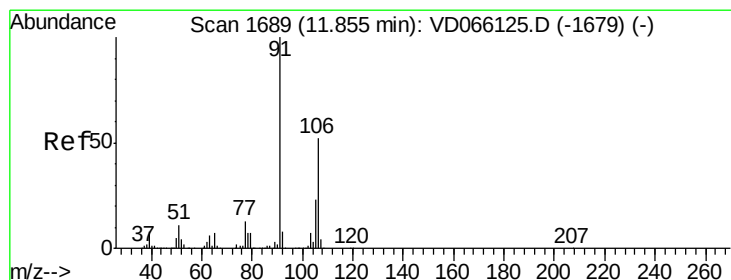
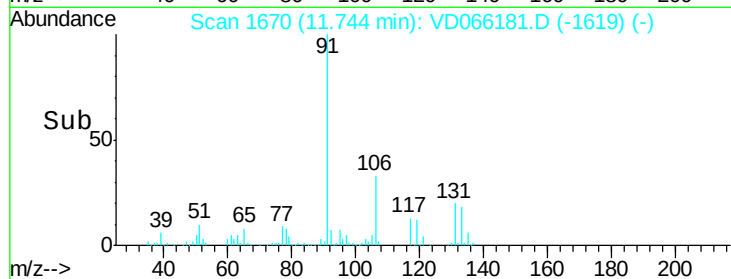
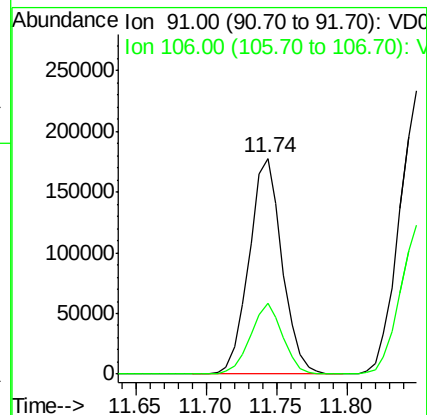
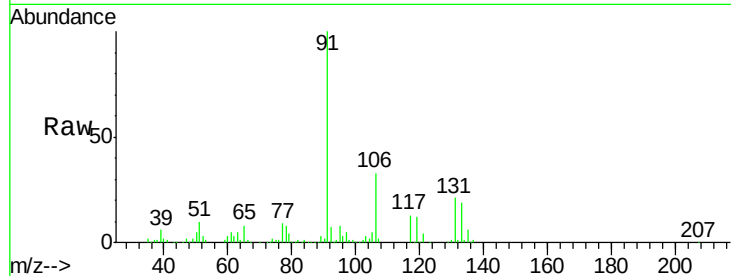
VD0811SBS01

Tgt Ion: 91 Resp: 291259

Ion Ratio Lower Upper

91 100

106 32.9 25.7 38.5



#68

m/p-Xylenes

Concen: 38.183 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066181.D

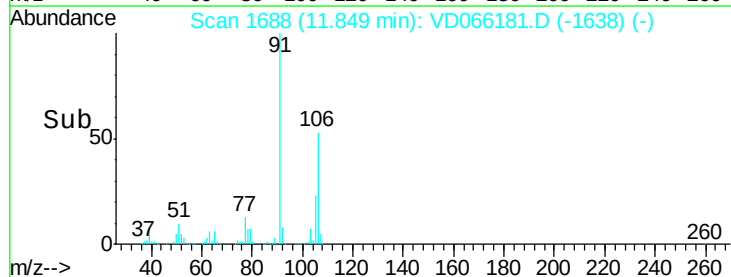
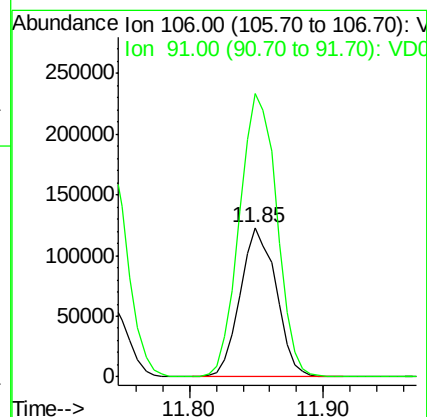
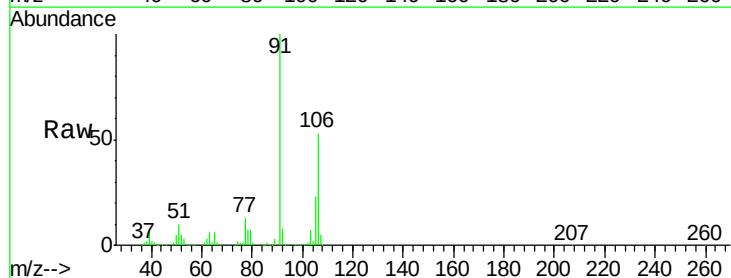
Acq: 11 Aug 2020 12:28

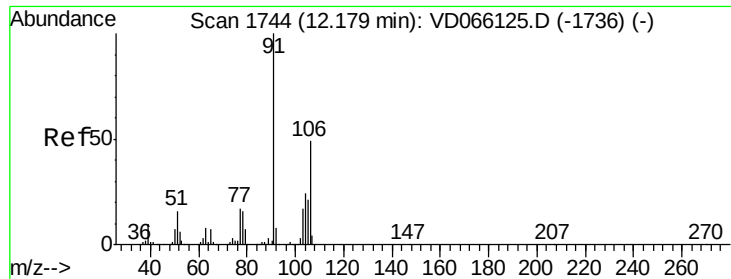
Tgt Ion: 106 Resp: 230077

Ion Ratio Lower Upper

106 100

91 196.7 156.6 235.0

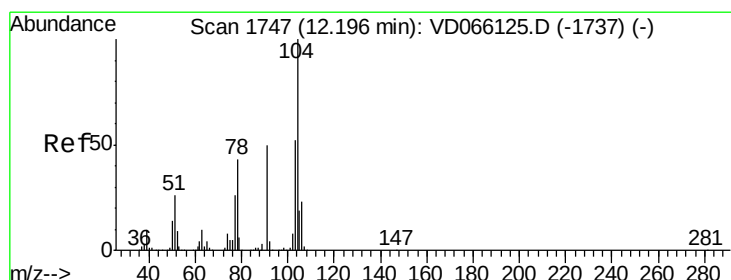
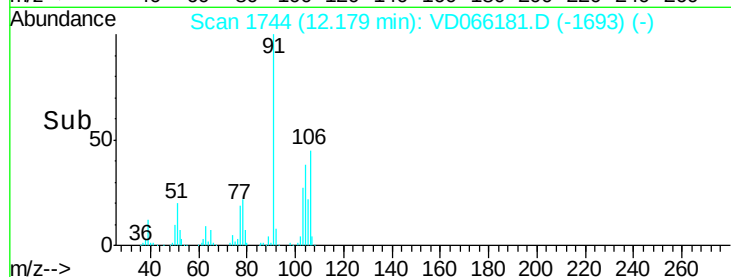
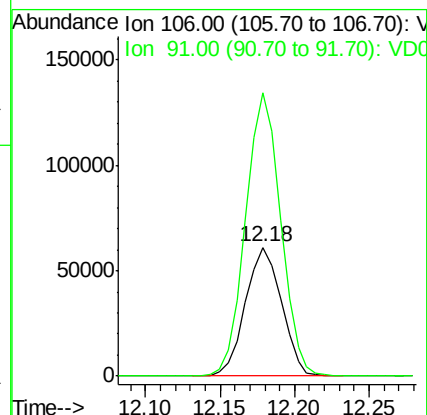
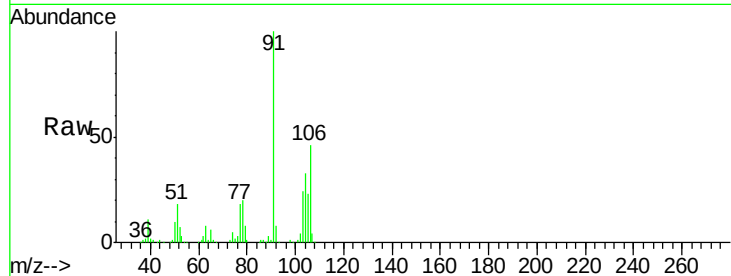




#69
o-Xylene
Concen: 18.680 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

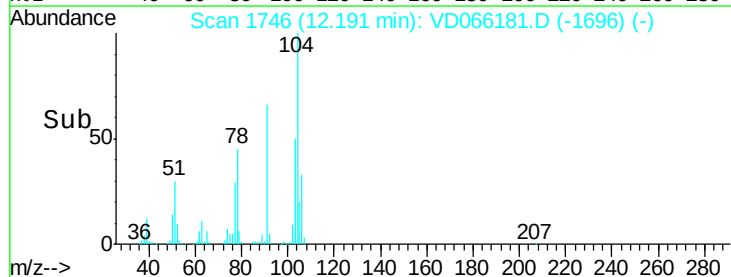
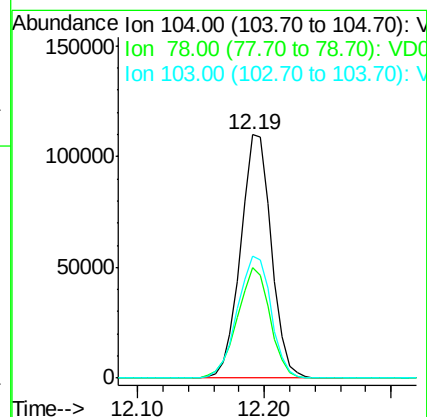
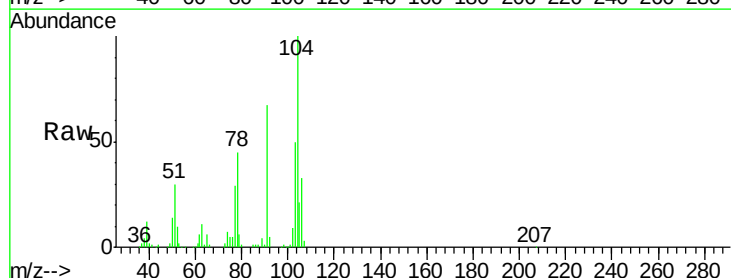
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

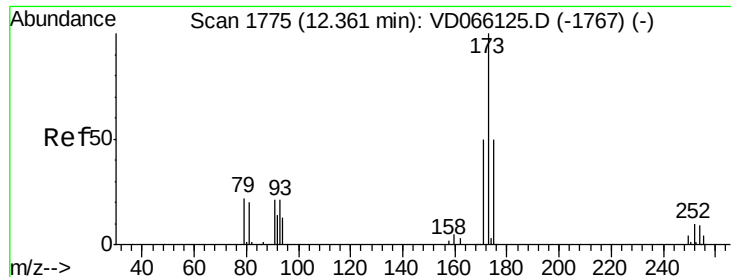
Tgt Ion:106 Resp: 102392
Ion Ratio Lower Upper
106 100
91 213.7 105.7 317.1



#70
Styrene
Concen: 19.180 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion:104 Resp: 184242
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 55.4 44.1 66.1

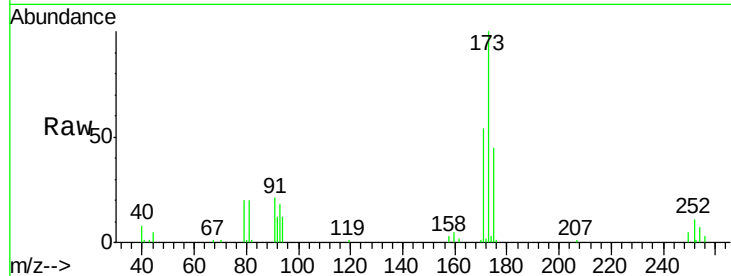




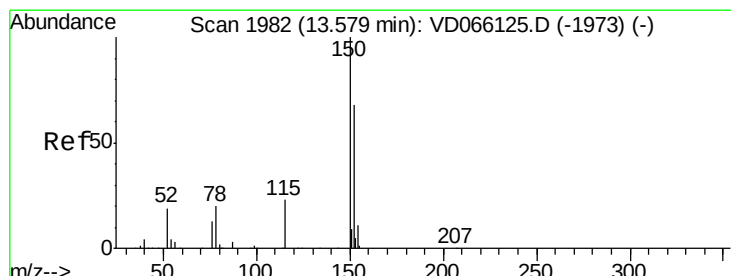
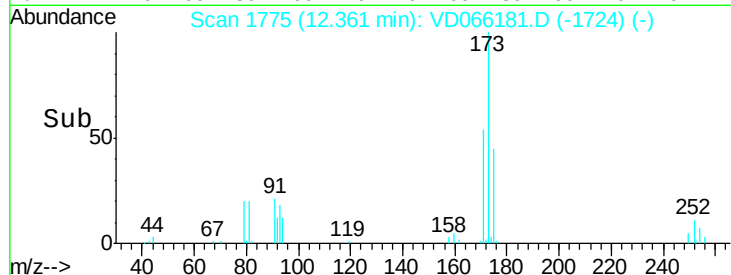
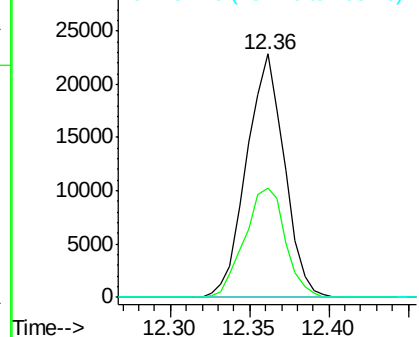
#71
 Bromoform
 Concen: 18.200 ug/l
 RT: 12.36 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Tgt Ion:173 Resp: 37866
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.6 73.6
 254 0.0 0.2 0.2#

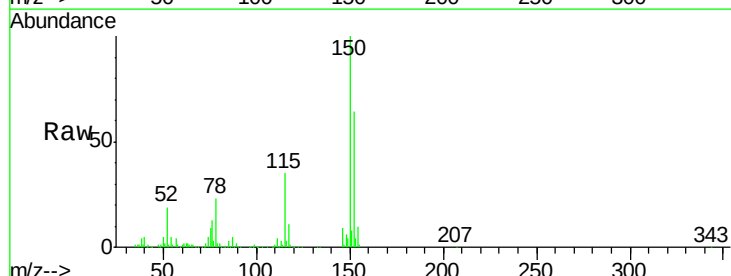


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

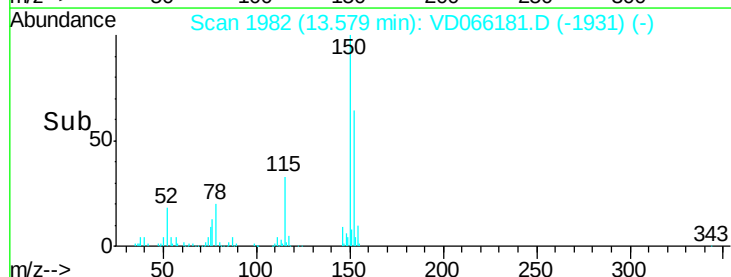
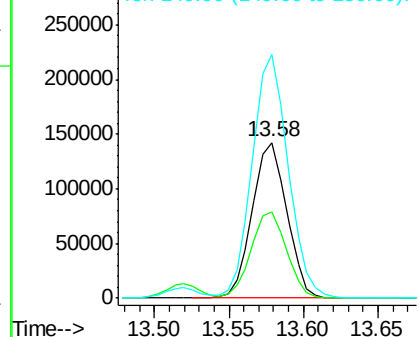


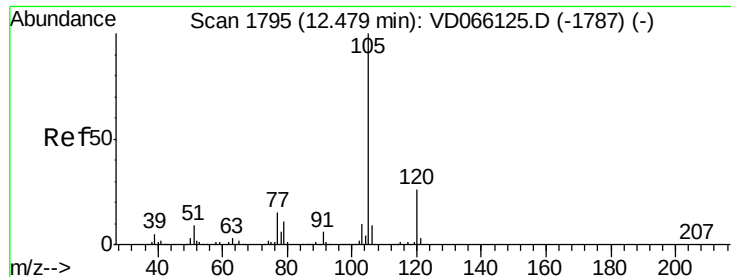
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion:152 Resp: 227934
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.0 83.9
 150 162.7 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

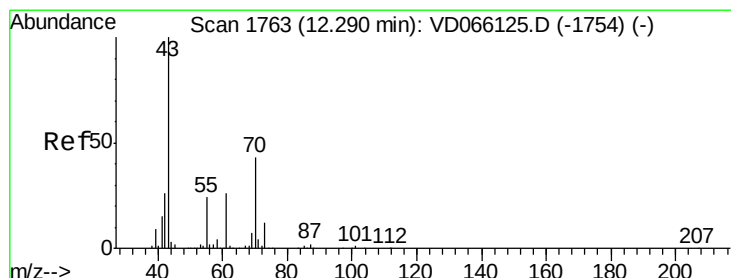
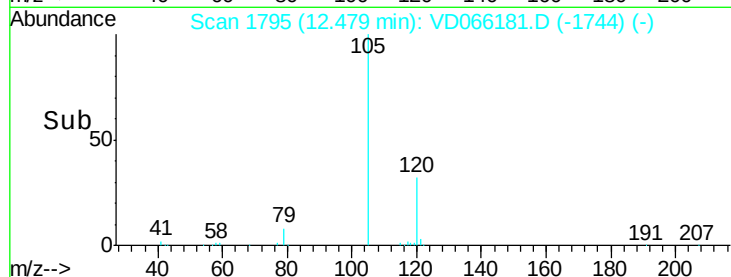
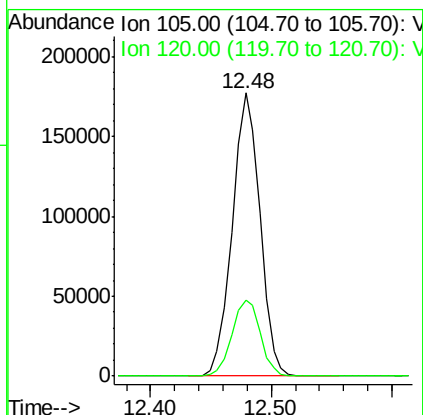
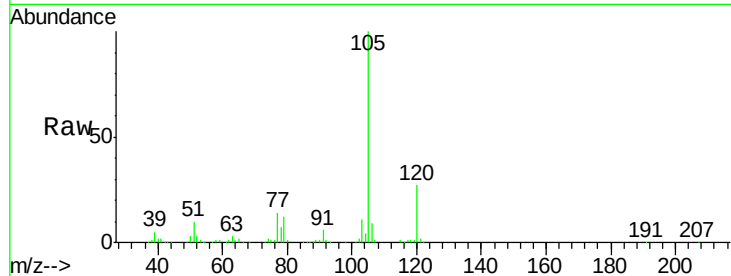




#73
Isopropylbenzene
Concen: 18.605 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

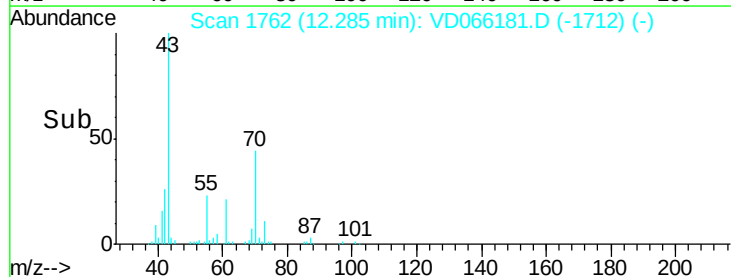
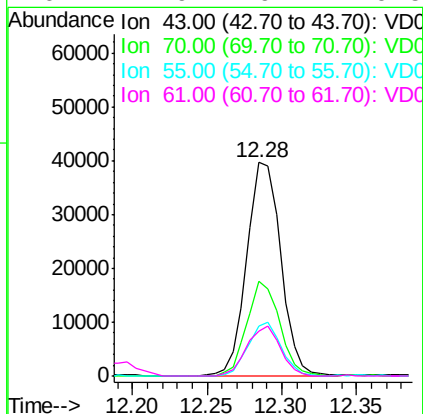
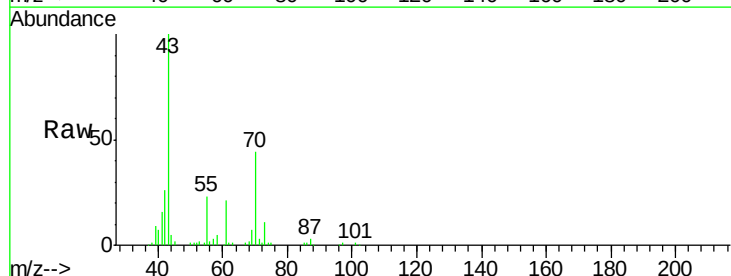
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

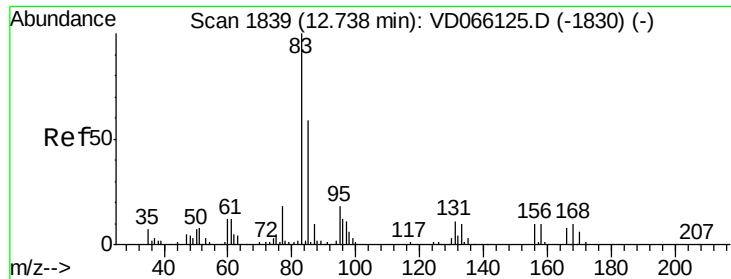
Tgt Ion:105 Resp: 283083
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9



#74
N-ethyl acetate
Concen: 18.688 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 43 Resp: 62613
Ion Ratio Lower Upper
43 100
70 42.5 34.9 52.3
55 24.1 19.2 28.8
61 22.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.138 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

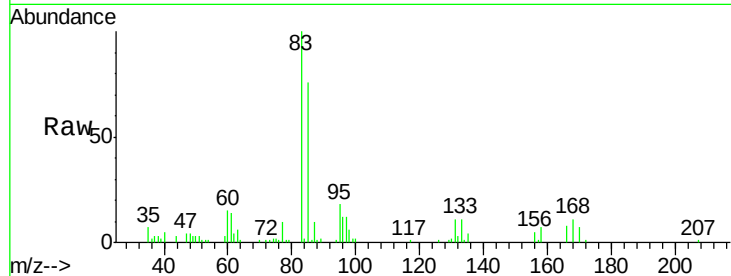
Tgt Ion: 83 Resp: 47057

Ion Ratio Lower Upper

83 100

131 11.9 6.2 18.6

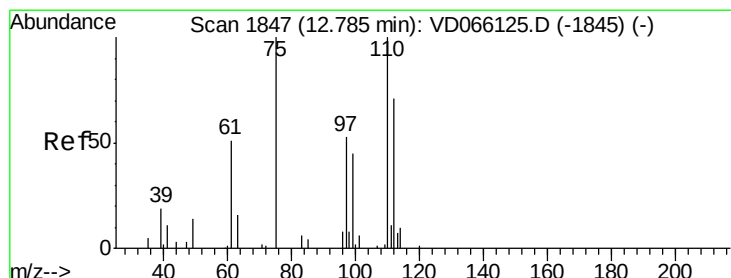
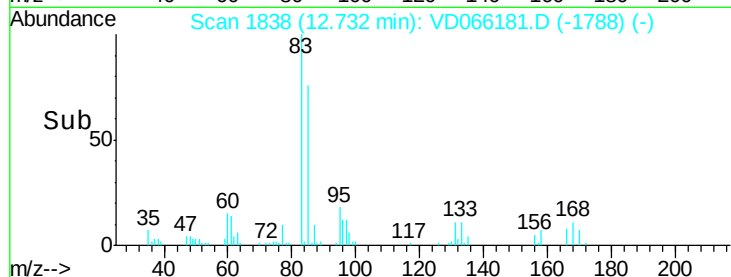
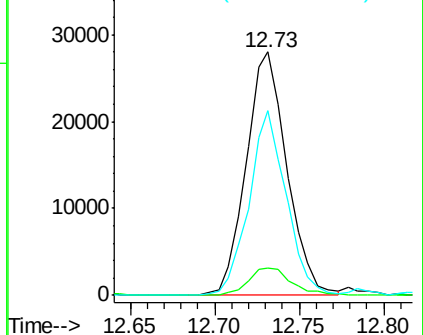
85 69.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 32.653 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066181.D

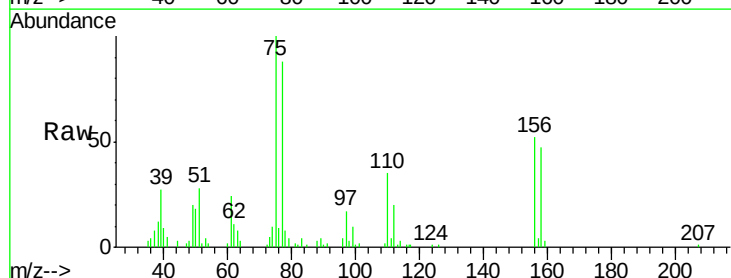
Acq: 11 Aug 2020 12:28

Tgt Ion: 75 Resp: 62068

Ion Ratio Lower Upper

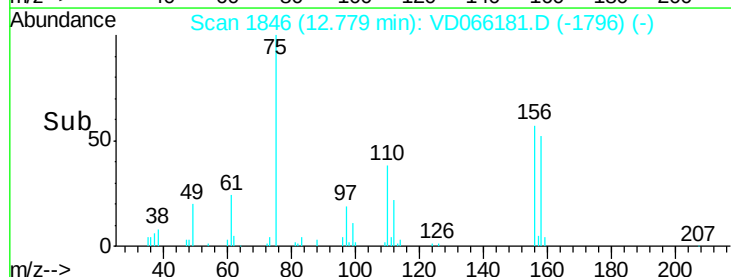
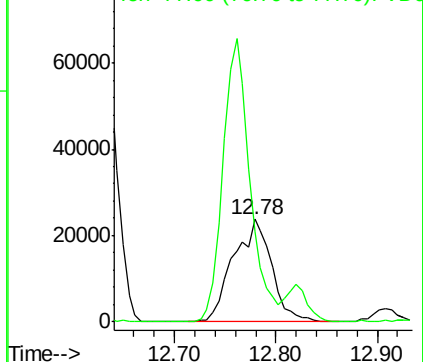
75 100

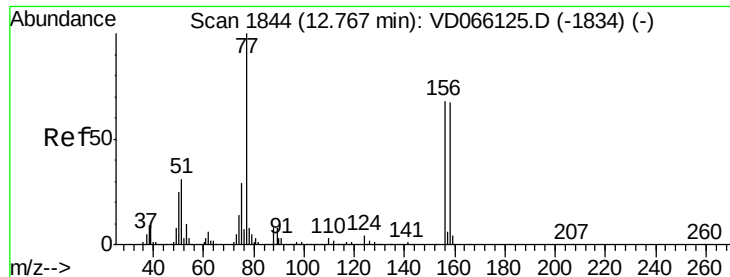
77 195.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 18.674 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

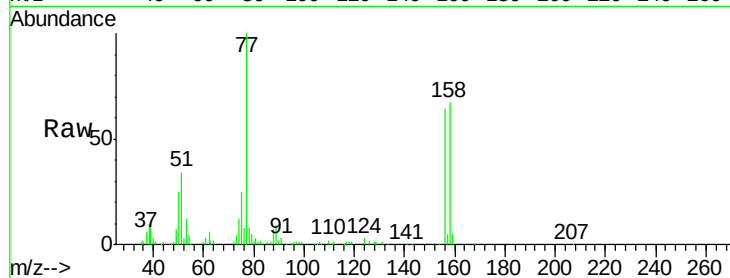
Tgt Ion:156 Resp: 73141

Ion Ratio Lower Upper

156 100

77 166.0 81.0 243.1

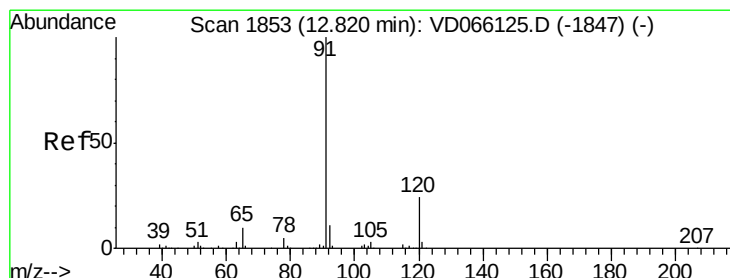
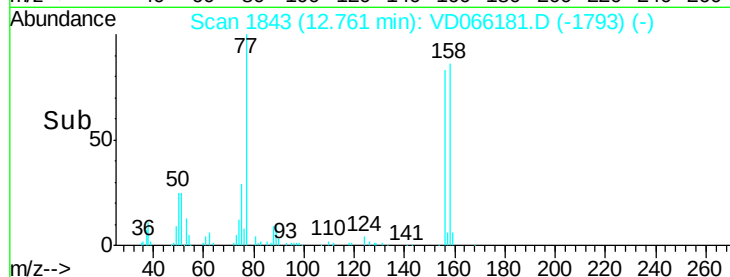
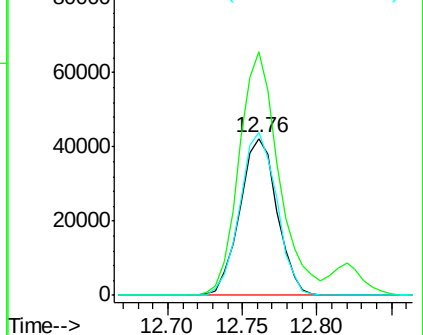
158 103.0 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.113 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066181.D

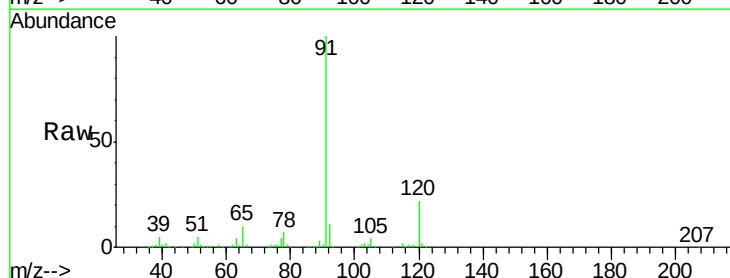
Acq: 11 Aug 2020 12:28

Tgt Ion: 91 Resp: 338038

Ion Ratio Lower Upper

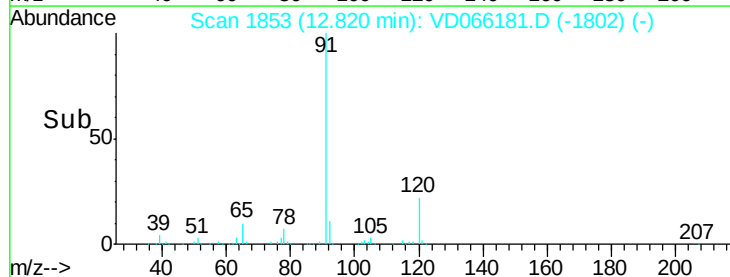
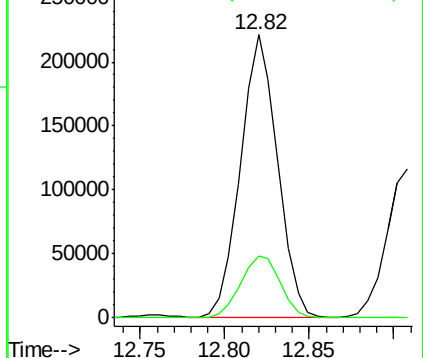
91 100

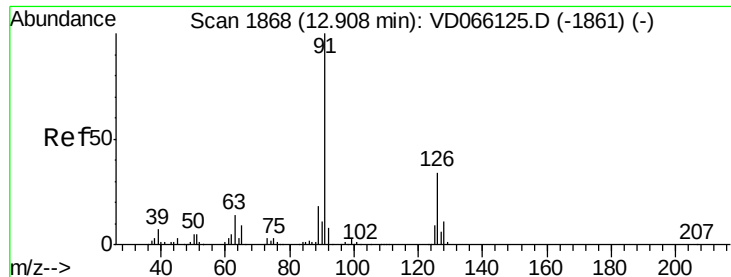
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.129 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

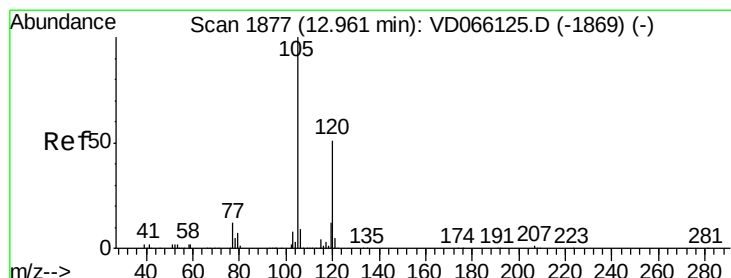
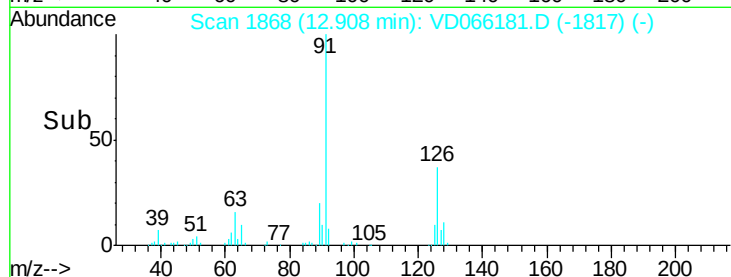
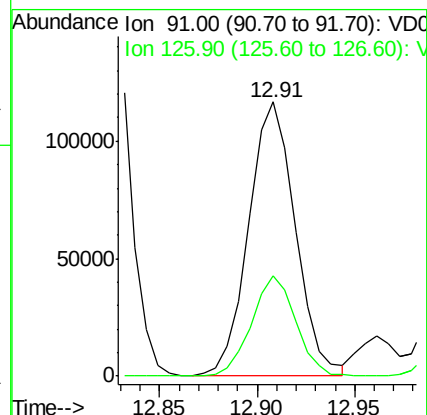
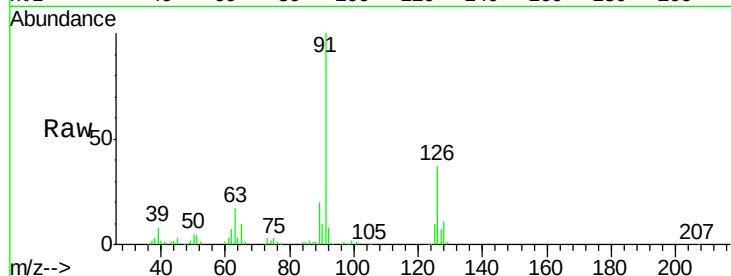
VD0811SBS01

Tgt Ion: 91 Resp: 193496

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 19.018 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066181.D

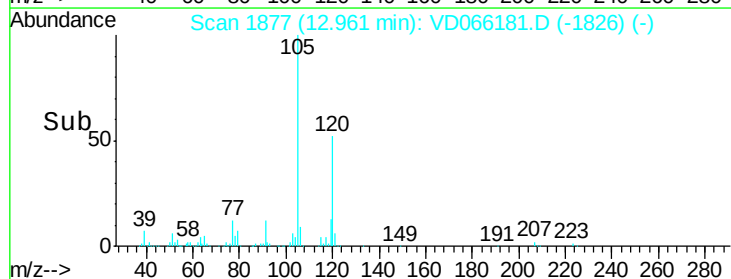
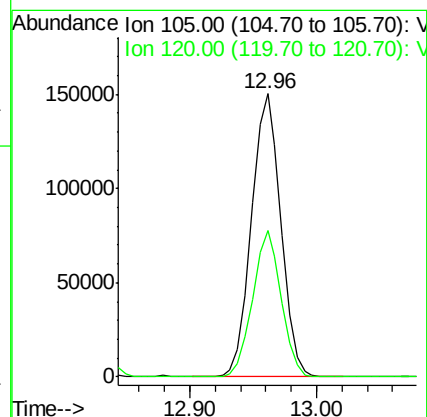
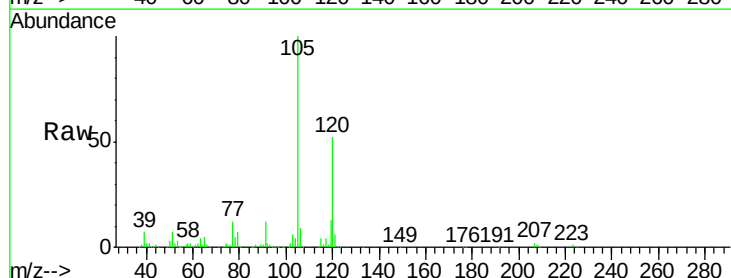
Acq: 11 Aug 2020 12:28

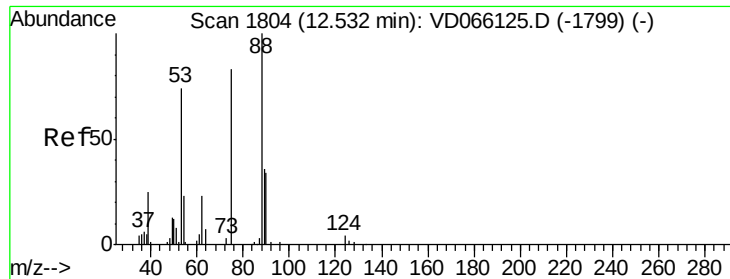
Tgt Ion: 105 Resp: 241993

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.725 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

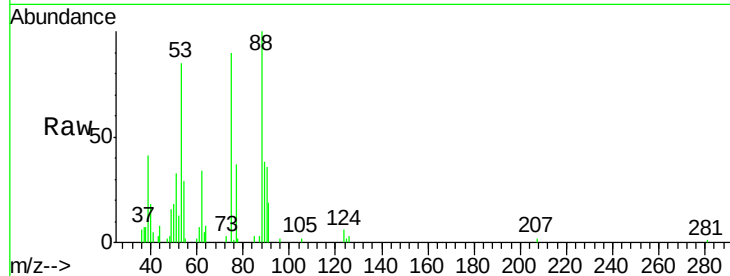
Tgt Ion: 75 Resp: 16101

Ion Ratio Lower Upper

75 100

53 92.4 73.4 110.2

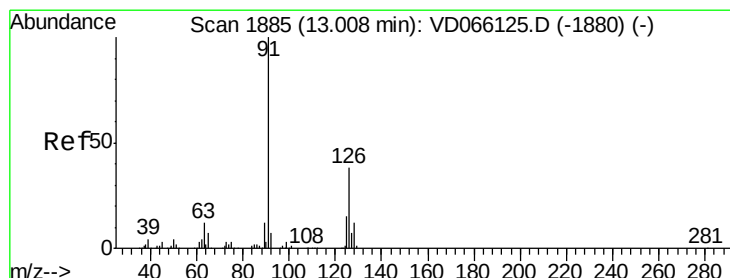
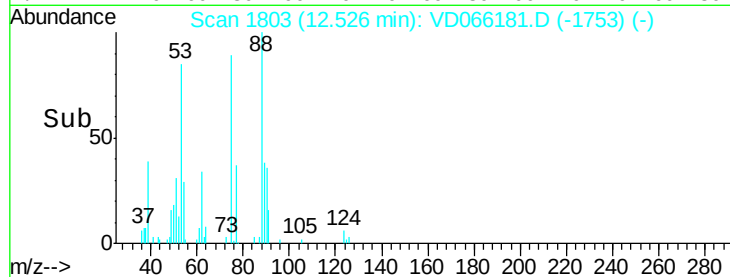
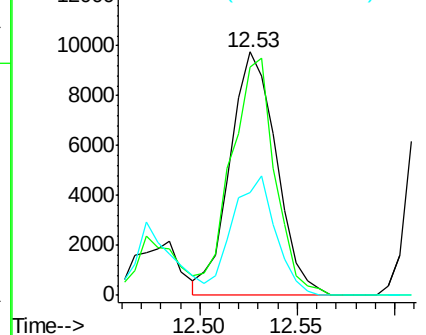
89 45.7 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.294 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066181.D

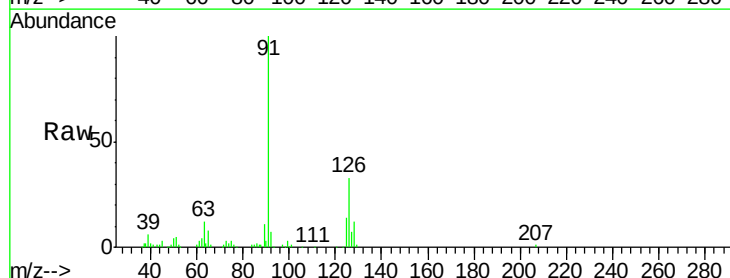
Acq: 11 Aug 2020 12:28

Tgt Ion: 91 Resp: 206024

Ion Ratio Lower Upper

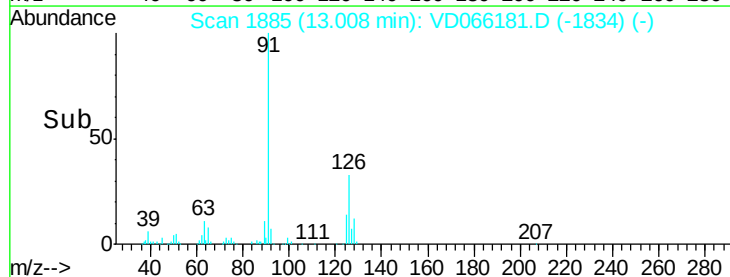
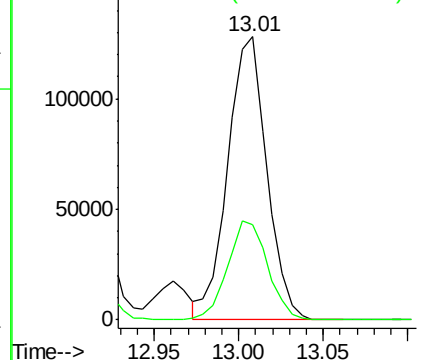
91 100

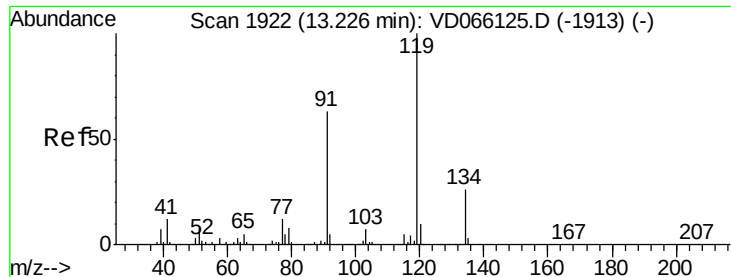
126 35.7 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

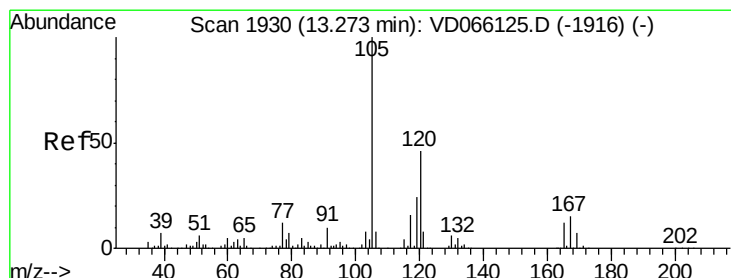
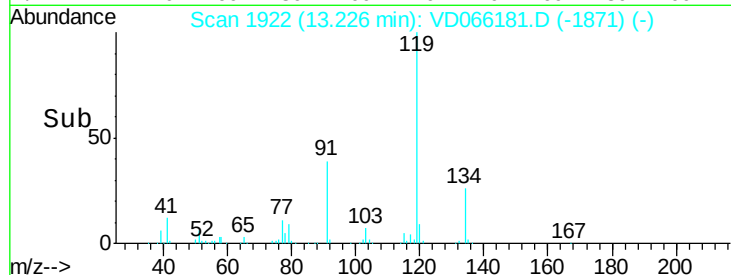
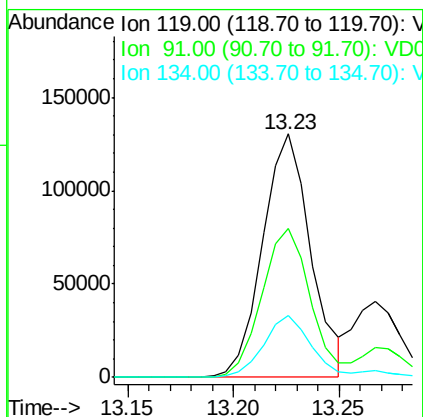
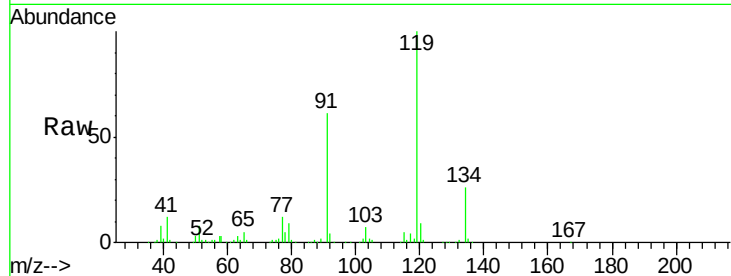




#83
tert-Butylbenzene
Concen: 18.468 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

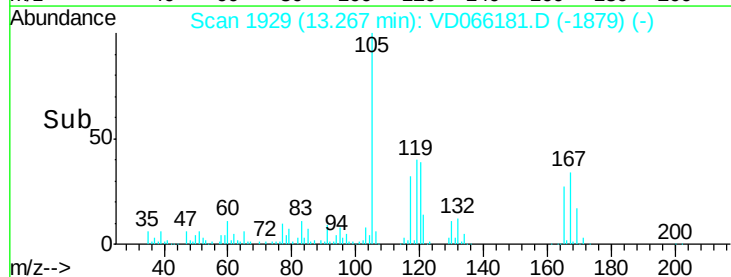
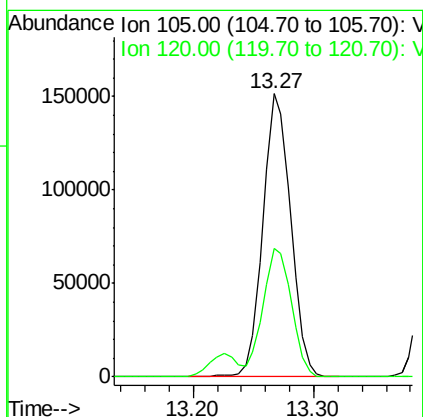
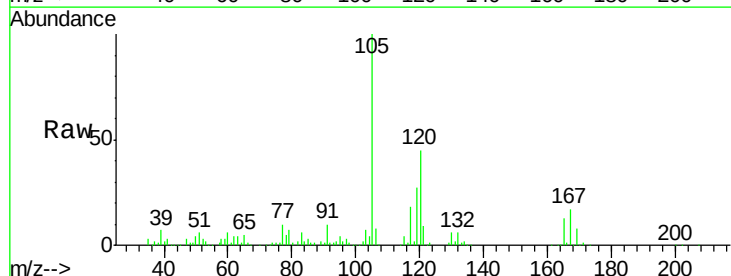
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

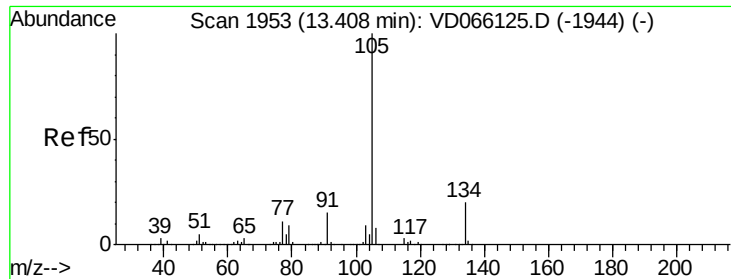
Tgt Ion:119 Resp: 206667
Ion Ratio Lower Upper
119 100
91 62.6 30.8 92.4
134 25.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 18.957 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion:105 Resp: 241400
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.026 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

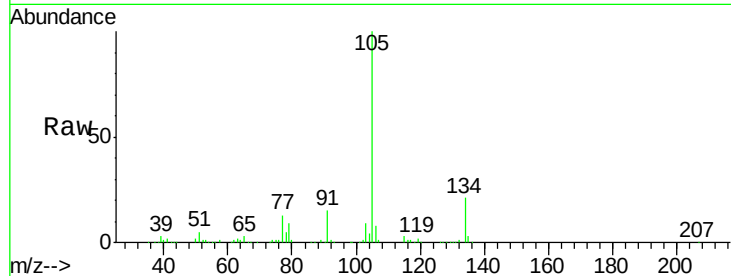
VD0811SBS01

Tgt Ion:105 Resp: 287462

Ion Ratio Lower Upper

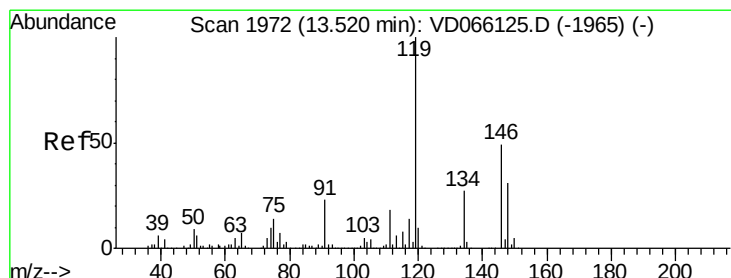
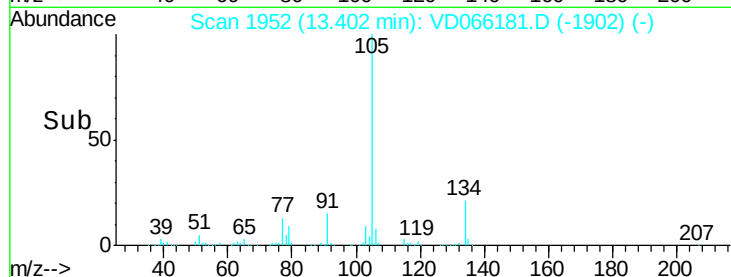
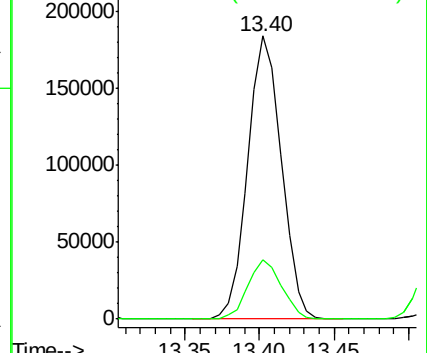
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.650 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

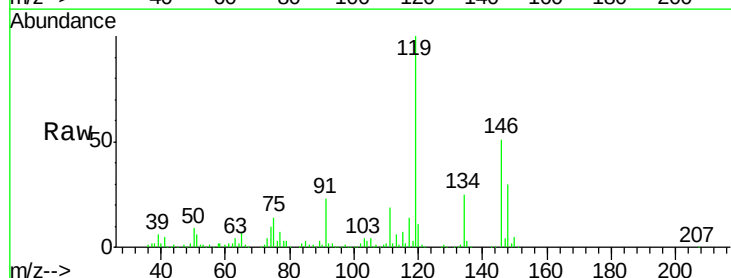
Tgt Ion:119 Resp: 264285

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

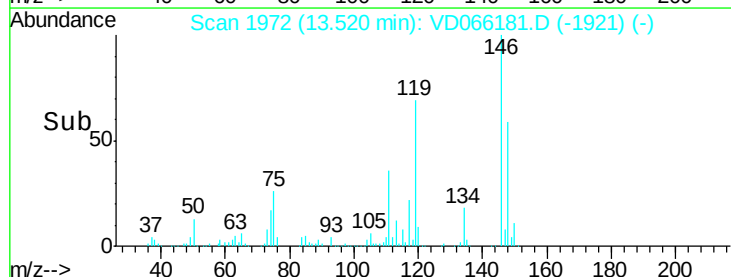
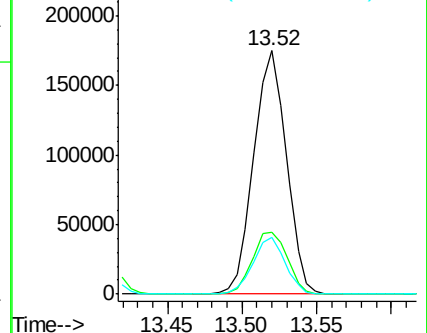
91 23.0 11.2 33.5

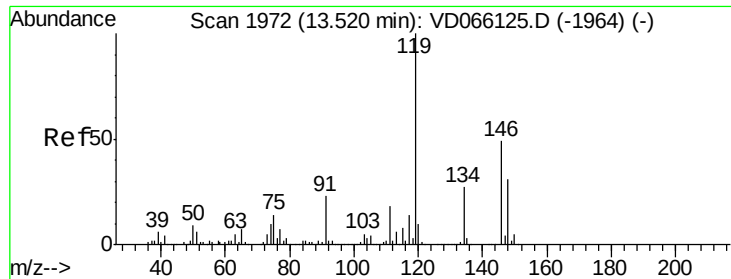


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

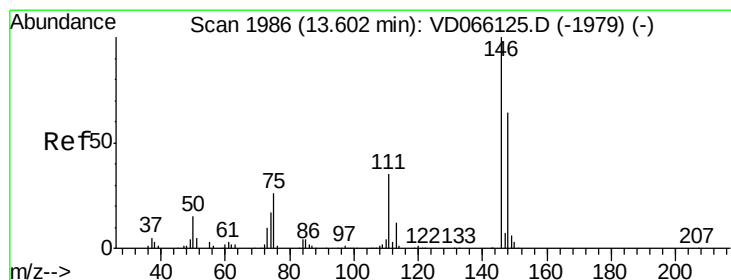
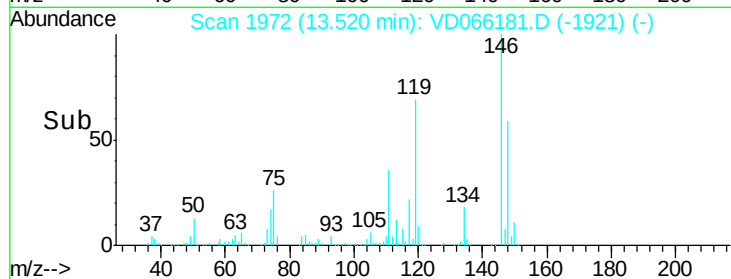
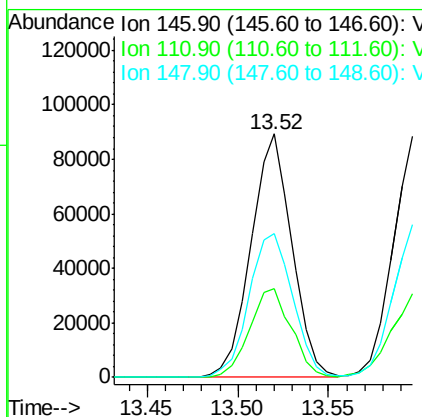
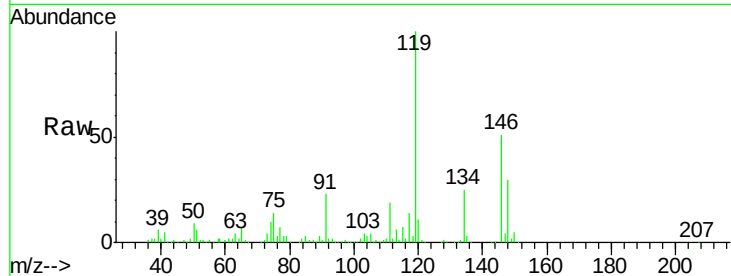




#87
 1,3-Dichlorobenzene
 Concen: 19.004 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

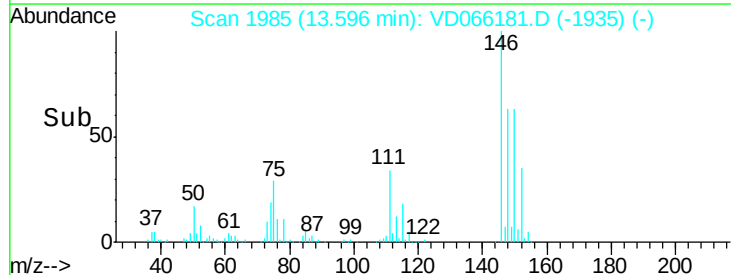
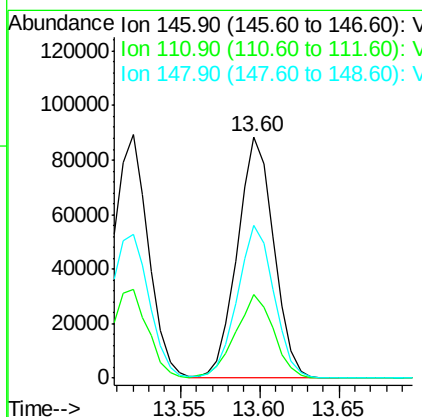
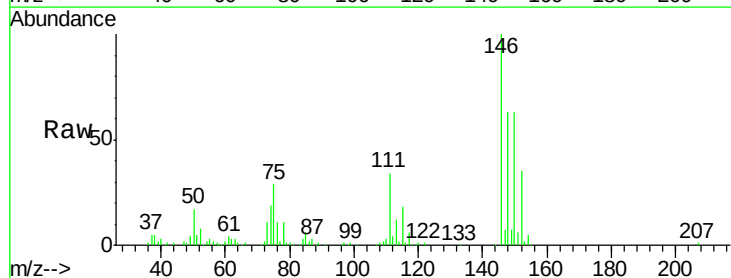
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

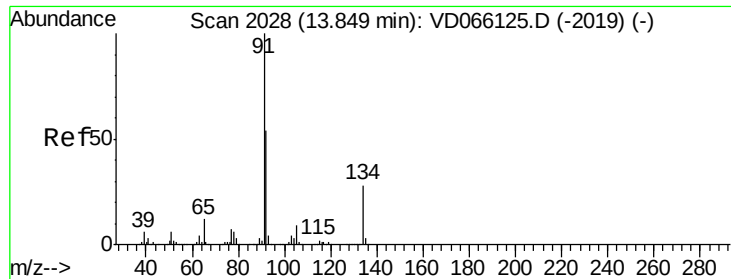
Tgt Ion:146 Resp: 139894
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.320 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion:146 Resp: 141830
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.6 55.8
 148 63.4 32.4 97.0

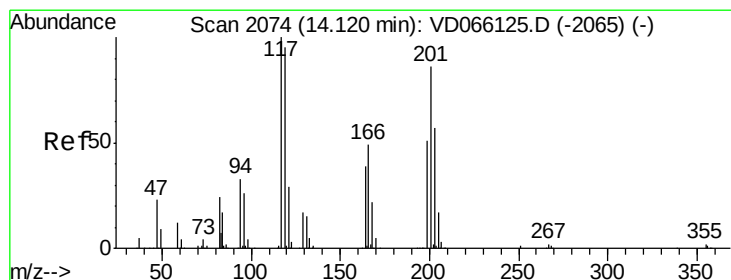
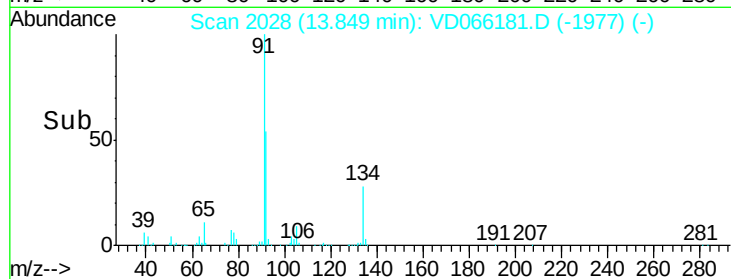
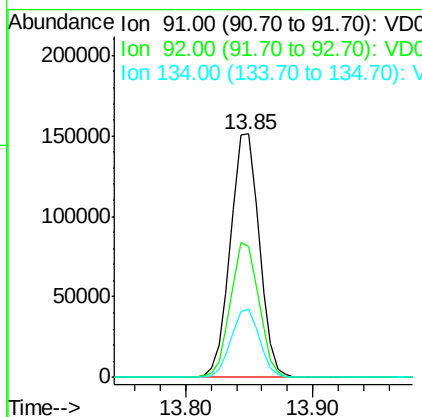
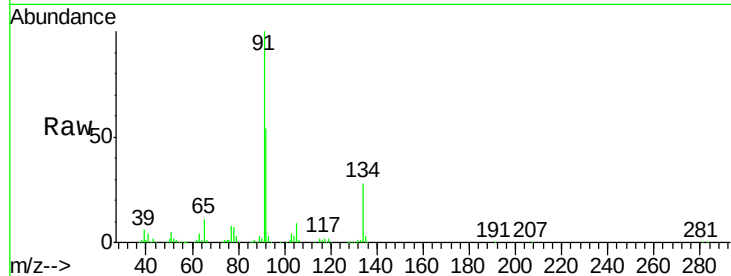




#89
n-Butylbenzene
Concen: 18.713 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

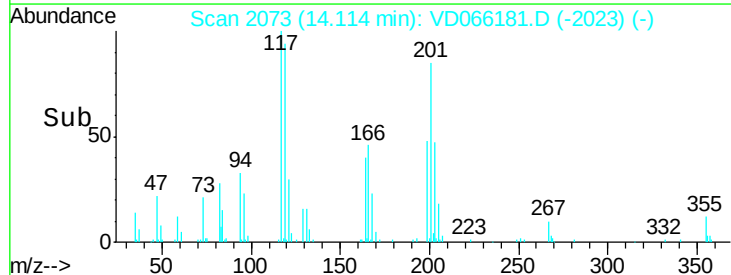
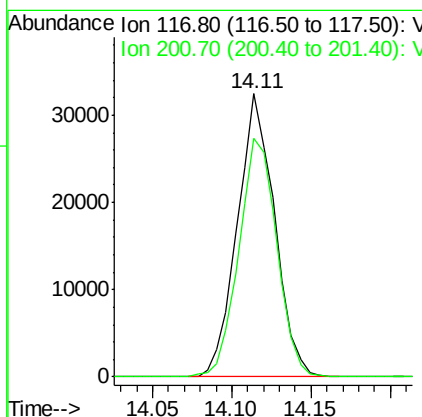
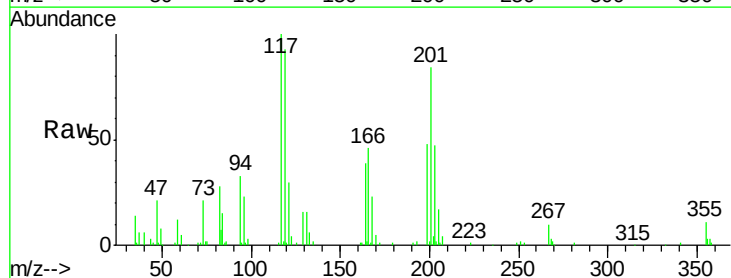
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

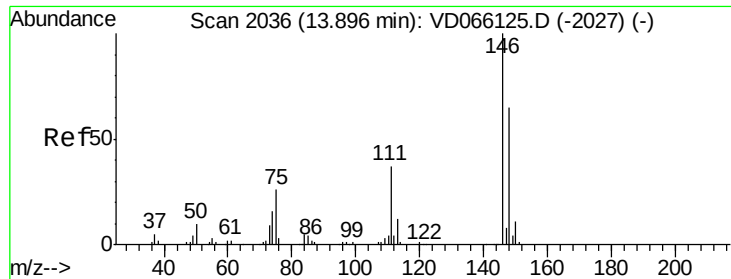
Tgt Ion: 91 Resp: 237577
Ion Ratio Lower Upper
91 100
92 54.6 26.8 80.3
134 27.6 14.0 41.9



#90
Hexachloroethane
Concen: 18.672 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066181.D
Acq: 11 Aug 2020 12:28

Tgt Ion: 117 Resp: 52771
Ion Ratio Lower Upper
117 100
201 86.2 42.7 128.1

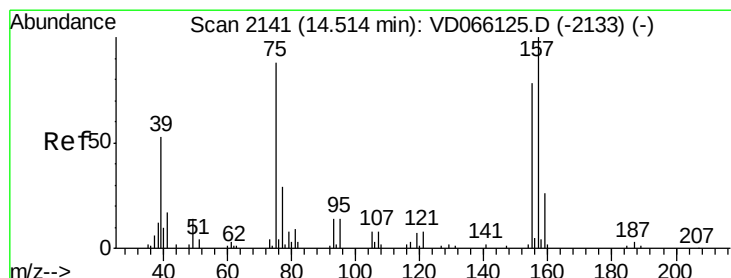
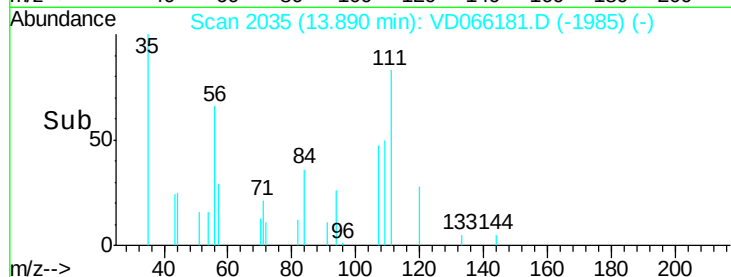
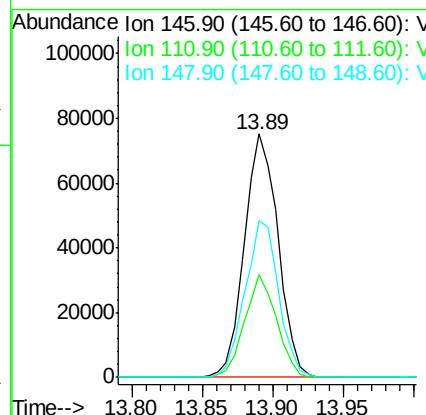
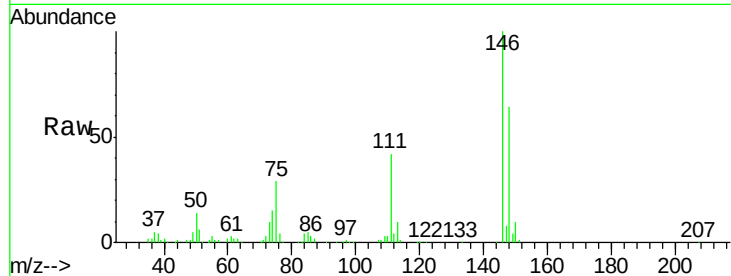




#91
 1,2-Dichlorobenzene
 Concen: 19.315 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

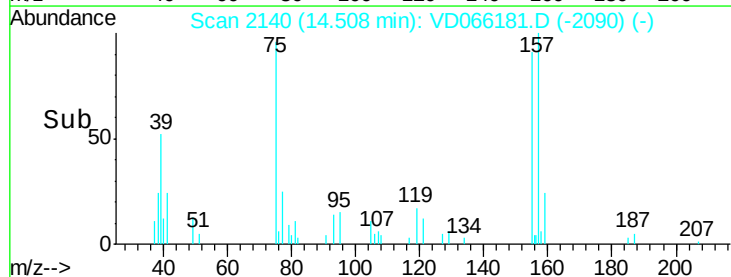
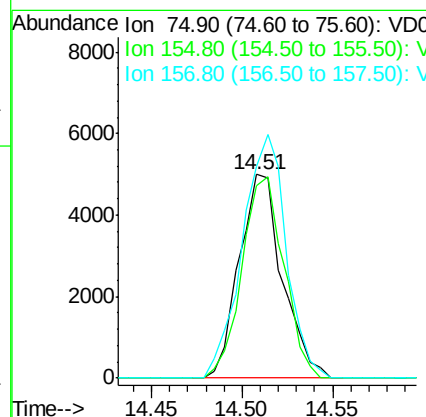
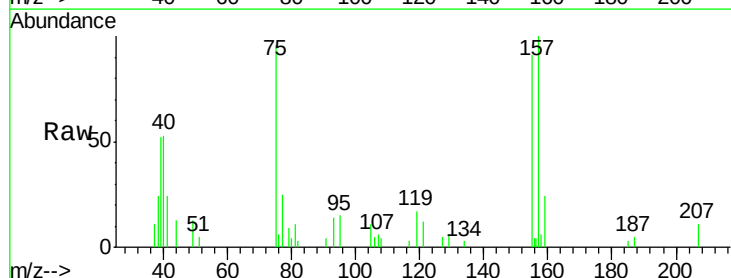
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

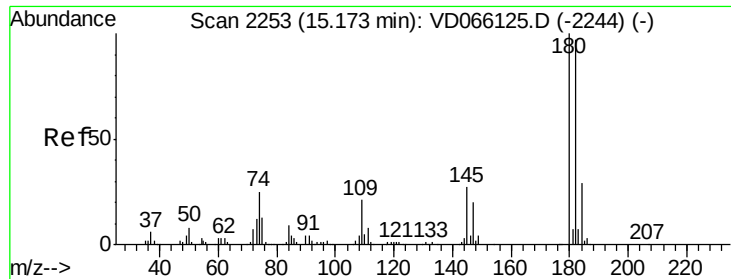
Tgt Ion:146 Resp: 125742
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.8 56.3
 148 64.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.544 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion: 75 Resp: 8269
 Ion Ratio Lower Upper
 75 100
 155 95.9 47.7 143.1
 157 121.6 62.1 186.2

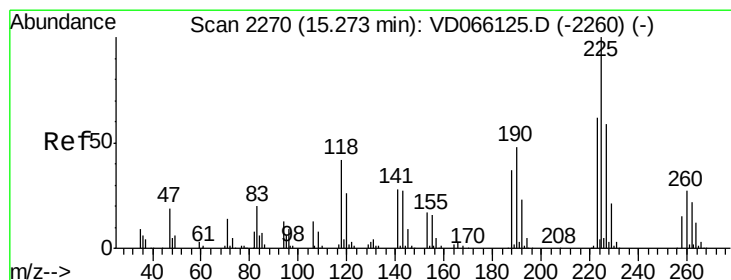
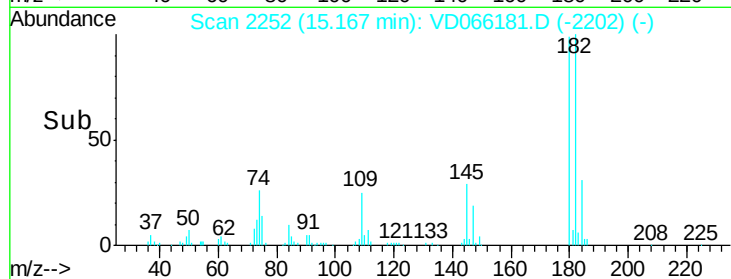
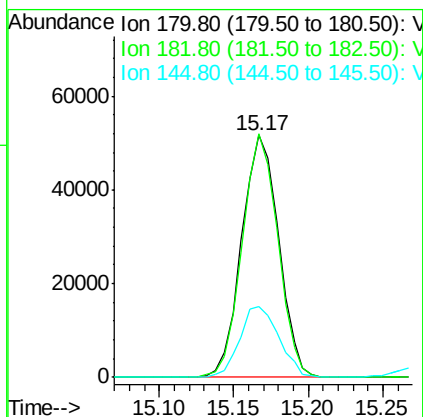
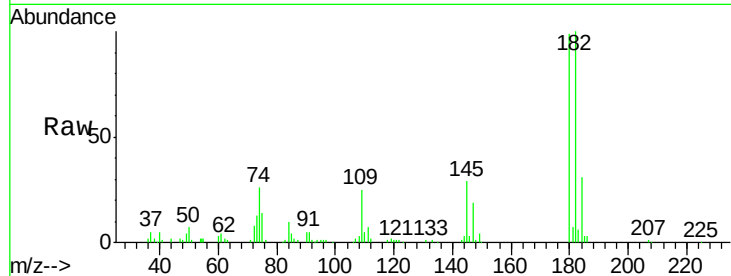




#93
 1,2,4-Trichlorobenzene
 Concen: 18.498 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

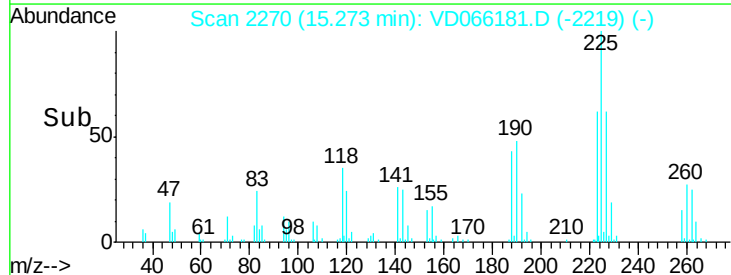
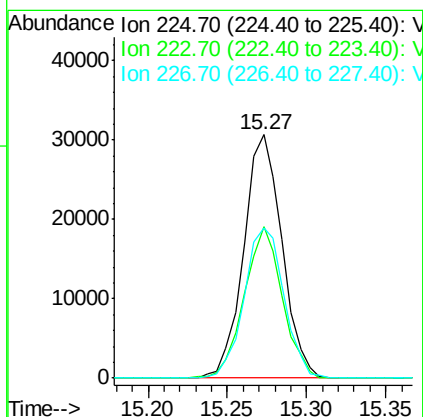
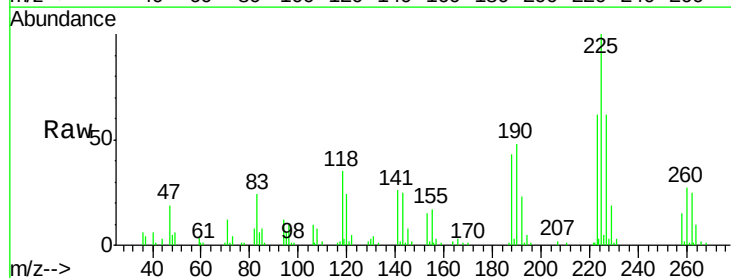
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

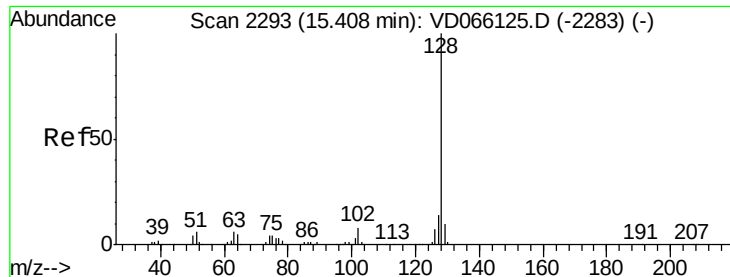
Tgt Ion:180 Resp: 88746
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.4 142.2
 145 30.9 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 18.185 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066181.D
 Acq: 11 Aug 2020 12:28

Tgt Ion:225 Resp: 51375
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.3 96.9
 227 64.3 32.1 96.5





#95

Naphthalene

Concen: 17.965 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0811SBS01

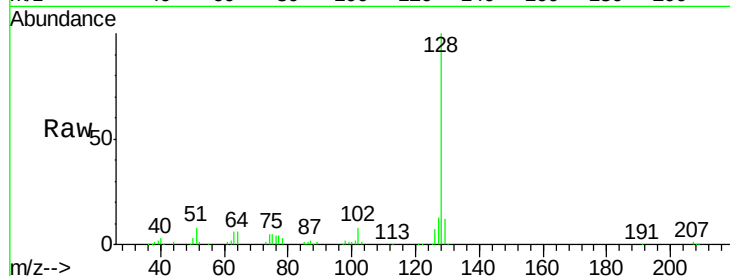
Tgt Ion:128 Resp: 140439

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

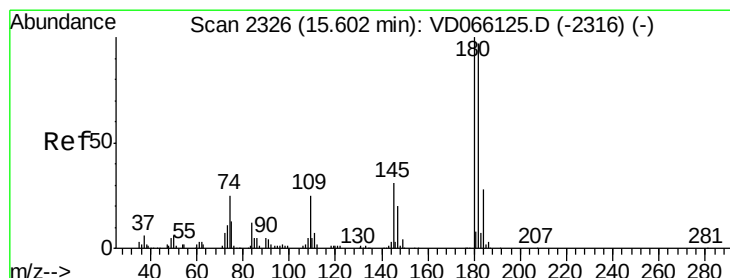
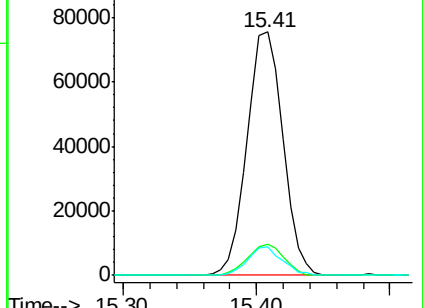
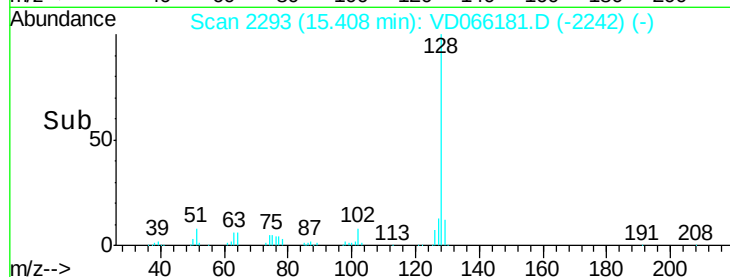
129 11.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.589 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066181.D

Acq: 11 Aug 2020 12:28

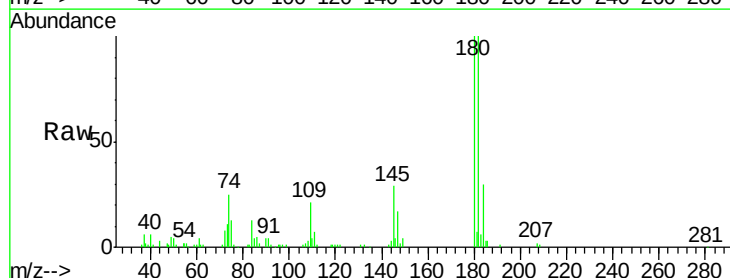
Tgt Ion:180 Resp: 74492

Ion Ratio Lower Upper

180 100

182 100.4 47.1 141.4

145 32.4 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

